COLOR	ROW	COLOR CODE	YEAR	ANNUAL MEAN
	1	B	1918	-0.28
	2	B	1919	-0.27
	3	B	1920	-0.25
	4	B	1921	-0.18
	5	B	1922	-0.27
	6	B	1923	-0.24
	7	B	1924	-0.25
	8	B	1925	-0.21
	9	G	1926	-0.09
	10	B	1927	-0.2
	11	B	1928	-0.18
	12	B	1929	-0.34
	13	G	1930	-0.14
	14	G	1931	-0.1
	15	G	1932	-0.16
	16	B	1933	-0.28
	17	G	1934	-0.13
	18	B	1935	-0.2
	19	B	1936	-0.15
	20	G	1937	-0.03
	21	G	1938	-0.02
	22	G	1939	-0.02
	23	Y	1940	0.12
	24	Y	1941	0.19
	25	G	1942	0.06
	26	G	1943	0.08
	27	Y	1944	0.21
	28	G	1945	0.09
	29	G	1946	-0.07
	30	G	1947	-0.04
	31	G	1948	-0.1
	32	G	1949	-0.11
	33	B	1950	-0.18
	34	G	1951	-0.06
	35	G	1952	0.01
	36	G	1953	0.07
	37	G	1954	-0.14
	38	G	1955	-0.14
	39	B	1956	-0.2
	40	G	1957	0.04
	41	G	1958	0.07
	42	G	1959	0.03
	43	G	1960	-0.02
	44	G	1961	0.06
	45	G	1962	0.04
	46	G	1963	0.07
	47	B	1964	-0.2
	48	G	1965	-0.11
	49	G	1966	-0.05
	50	G	1967	-0.02

COLOR	ROW	COLOR CODE	YEAR	ANNUAL MEAN
	51	G	1968	-0.08
	52	G	1969	0.07
	53	G	1970	0.03
	54	G	1971	-0.09
	55	G	1972	0.01
	56	Y	1973	0.16
	57	G	1974	0.08
	58	G	1975	-0.02
	59	G	1976	-0.11
	60	Y	1977	0.17
	61	G	1978	0.06
	62	Y	1979	0.16
	63	Y	1980	0.27
	64	Y	1981	0.33
	65	Y	1982	0.13
	66	Y	1983	0.31
	67	Y	1984	0.16
	68	Y	1985	0.12
	69	Y	1986	0.18
	70	Y	1987	0.33
	71	O	1988	0.41
	72	Y	1989	0.28
	73	O	1990	0.44
	74	O	1991	0.41
	75	Y	1992	0.22
	76	Y	1993	0.24
	77	Y	1994	0.31
	78	O	1995	0.45
	79	Y	1996	0.34
	80	O	1997	0.47
	81	O	1998	0.62
	82	O	1999	0.4
	83	O	2000	0.4
	84	O	2001	0.54
	85	O	2002	0.63
	86	O	2003	0.61
	87	O	2004	0.54
	88	OR	2005	0.67
	89	O	2006	0.62
	90	OR	2007	0.64
	91	O	2008	0.52
	92	OR	2009	0.64
	93	OR	2010	0.7
	94	O	2011	0.57
	95	O	2012	0.62
	96	OR	2013	0.65
	97	OR	2014	0.74
	98	OR	2015	0.87
	99	R	2016	0.99
	100	R	2017	0.9

KEY	LOW (℃)	HIGH (℃)
B (blue)	-0.4	-0.15
G (green)	-0.14	0.11
Y (yellow)	0.12	0.37
O (orange)	0.38	0.63
OR (orange-red)	0.64	0.89
R (red)	0.9	1.15

A note on gauge:

This color chart was made for knitting or weaving, but can be used for a variety of data visualization purposes. This chart knits 100 rows, but you may want to knit something longer. Instead of knitting or weaving one row per year, how about 2, 3, 4... etc.? Calculate the length that would give you to decide how many rows you'll use per year before you begin.

For best printing results:

Portrait orientation

Fit to width

Interpretation:

This color chart uses the interpretation I decided upon by testing different temperature ranges, year ranges, temperature models, and number of colors. Disagree with this interpretation? I hope this chart will inspire you to make your own using NASA or NOAA's data set. I would love to see your interpretation. Tag your results with #climatecoloring on Instagram!

Data interpreted by Nicole Gonzalez in February 2018.

You can find more about this and my other projects at:

www.incacolors.com

www.instagram.com/incacolors

Data for this chart was used and interpreted from:

GISTEMP Team, 2018: GISS Surface Temperature Analysis (GISTEMP). NASA Goddard Institute for Space Studies. Dataset accessed 2018-02-26 at:

https://data.giss.nasa.gov/gistemp/.

Please also see the scholarly publication:

Hansen, J., R. Ruedy, M. Sato, and K. Lo, 2010: Global surface temperature change, Rev. Geophys., 48, RG4004, doi:10.1029/2010RG000345.