





## Testing done on 230 elements

Luminosity Contrast Ratio: 72 failures

Brightness difference: 72 failures

Color difference: 91 failures



Click on the rows to test other colours

Node	Foreground	Background	Sample	Contrast Ratio	Brightness difference	Color difference
	#3E3F3A	#FFFFFF	Sample Text	10.62:1 AAA	192	582
.	#3E3F3A	#3E3F3A		1:1	0	0
..	#3E3F3A	#3E3F3A		1:1	0	0
...	#3E3F3A	#3E3F3A		1:1	0	0
....	#3E3F3A	#3E3F3A		1:1	0	0
....	#3E3F3A	#3E3F3A		1:1	0	0
....	#3E3F3A	#3E3F3A		1:1	0	0
....	#3E3F3A	#3E3F3A		1:1	0	0
....	#3E3F3A	#3E3F3A		1:1	0	0
....	#FFFFFF	#3E3F3A	Sample Text	10.62:1 AAA	192	582
...	#3E3F3A	#3E3F3A		1:1	0	0

....	#3E3F3A	#3E3F3A		1:1		0		0	
.....	FFFFFF	#393A35	Sample Text	11.47:1 AAA		197		597	
....	#3E3F3A	#3E3F3A		1:1		0		0	
.....	#98978B	#3E3F3A	Sample Text	3.61:1		87		259	
....	#3E3F3A	#3E3F3A		1:1		0		0	
.....	#98978B	#3E3F3A	Sample Text	3.61:1		87		259	
....	#3E3F3A	#3E3F3A		1:1		0		0	
.....	#98978B	#3E3F3A	Sample Text	3.61:1		87		259	
....	#3E3F3A	#3E3F3A		1:1		0		0	
.....	#98978B	#3E3F3A	Sample Text	3.61:1		87		259	
...	#3E3F3A	#3E3F3A		1:1		0		0	
....	#3E3F3A	#3E3F3A		1:1		0		0	
.....	#98978B	#3E3F3A	Sample Text	3.61:1		87		259	
....	#3E3F3A	#3E3F3A		1:1		0		0	
.....	#98978B	#3E3F3A	Sample Text	3.61:1		87		259	
.	#3E3F3A	FFFFFF	Sample Text	10.62:1 AAA		192		582	
..	#3E3F3A	#FFD700	Sample Text	7.57:1 AAA		140		403	
...	#3E3F3A	#FFD700	Sample Text	7.57:1 AAA		140		403	
...	#3E3F3A	#FFD700	Sample Text	7.57:1 AAA		140		403	
..	#3E3F3A	#ADD8E6	Sample Text	6.95:1 AA		142		436	
...	#3E3F3A	#ADD8E6	Sample Text	6.95:1 AA		142		436	
...	#D9534F	#ADD8E6	Sample Text	2.59:1		82		328	
..	#3E3F3A	FFFFFF	Sample Text	10.62:1 AAA		192		582	
..	#3E3F3A	FFFFFF	Sample Text	10.62:1 AAA		192		582	
...	#3E3F3A	FFFFFF	Sample Text	10.62:1 AAA		192		582	

...	#3E3F3A	#FFFFFF	Sample Text	10.62:1 AAA	✓	192	✓	582	✓
...	#3E3F3A	#FFFFFF	Sample Text	10.62:1 AAA	✓	192	✓	582	✓
...	#3E3F3A	#FFFFFF	Sample Text	10.62:1 AAA	✓	192	✓	582	✓
...	#3E3F3A	#FFFFFF	Sample Text	10.62:1 AAA	✓	192	✓	582	✓
....	#FFFFFF	#FFFFFF		1:1	✗	0	✗	0	✗
..	#3E3F3A	#FFFFFF	Sample Text	10.62:1 AAA	✓	192	✓	582	✓
...	#3E3F3A	#FFFFFF	Sample Text	10.62:1 AAA	✓	192	✓	582	✓
...	#3E3F3A	#FFFFFF	Sample Text	10.62:1 AAA	✓	192	✓	582	✓
....	#3E3F3A	#FFFFFF	Sample Text	10.62:1 AAA	✓	192	✓	582	✓
....	#3E3F3A	#FFFFFF	Sample Text	10.62:1 AAA	✓	192	✓	582	✓
....	#3E3F3A	#FFFFFF	Sample Text	10.62:1 AAA	✓	192	✓	582	✓
....	#3E3F3A	#FFFFFF	Sample Text	10.62:1 AAA	✓	192	✓	582	✓
..	#3E3F3A	#FFFFFF	Sample Text	10.62:1 AAA	✓	192	✓	582	✓
..	#3E3F3A	#FFD700	Sample Text	7.57:1 AAA	✓	140	✓	403	✗
...	#3E3F3A	#FFD700	Sample Text	7.57:1 AAA	✓	140	✓	403	✗
...	#3E3F3A	#FFD700	Sample Text	7.57:1 AAA	✓	140	✓	403	✗
..	#3E3F3A	#ADD8E6	Sample Text	6.95:1 AA	✓	142	✓	436	✗
...	#3E3F3A	#ADD8E6	Sample Text	6.95:1 AA	✓	142	✓	436	✗
...	#D9534F	#ADD8E6	Sample Text	2.59:1	✗	82	✗	328	✗
..	#555555	#FFFFFF	Sample Text	7.46:1 AAA	✓	170	✓	510	✓
...	#555555	#FFFFFF	Sample Text	7.46:1 AAA	✓	170	✓	510	✓
....	#333333	#FFFFFF	Sample Text	12.63:1 AAA	✓	204	✓	612	✓
....	#555555	#FFFFFF	Sample Text	7.46:1 AAA	✓	170	✓	510	✓
....	#555555	#FFFFFF	Sample Text	7.46:1 AAA	✓	170	✓	510	✓

....	#555555	#FFFFFF	Sample Text	7.46:1 AAA		170		510	
.....	#555555	#FFFFFF	Sample Text	7.46:1 AAA		170		510	
.....	#93C54B	#FFFFFF	Sample Text	2.03:1		86		346	
.....	#FFFFFF	#FFFFFF		1:1		0		0	
.....	#333333	#FFFFFF	Sample Text	12.63:1 AAA		204		612	
.....	#555555	#FFFFFF	Sample Text	7.46:1 AAA		170		510	
.....	#555555	#FFFFFF	Sample Text	7.46:1 AAA		170		510	
.....	#93C54B	#FFFFFF	Sample Text	2.03:1		86		346	
.....	#FFFFFF	#FFFFFF		1:1		0		0	
.....	#333333	#FFFFFF	Sample Text	12.63:1 AAA		204		612	
.....	#555555	#FFFFFF	Sample Text	7.46:1 AAA		170		510	
.....	#555555	#FFFFFF	Sample Text	7.46:1 AAA		170		510	
.....	#93C54B	#FFFFFF	Sample Text	2.03:1		86		346	
.....	#FFFFFF	#FFFFFF		1:1		0		0	
.....	#333333	#FFFFFF	Sample Text	12.63:1 AAA		204		612	
.....	#555555	#FFFFFF	Sample Text	7.46:1 AAA		170		510	
.....	#93C54B	#FFFFFF	Sample Text	2.03:1		86		346	
..	#3E3F3A	#ADD8E6	Sample Text	6.95:1 AA		142		436	
...	#3E3F3A	#ADD8E6	Sample Text	6.95:1 AA		142		436	
...	#D9534F	#ADD8E6	Sample Text	2.59:1		82		328	
..	#555555	#FFFFFF	Sample Text	7.46:1 AAA		170		510	
...	#555555	#FFFFFF	Sample Text	7.46:1 AAA		170		510	
....	#555555	#FFFFFF	Sample Text	7.46:1 AAA		170		510	
....	#555555	#FFFFFF	Sample Text	7.46:1 AAA		170		510	
				7.46:1					

....	#555555	#FFFFFF	Sample Text	AAA	✓	170	✓	510	✓
.....	#555555	#FFFFFF	Sample Text	7.46:1 AAA	✓	170	✓	510	✓
.....	#555555	#FFFFFF	Sample Text	7.46:1 AAA	✓	170	✓	510	✓
.....	#555555	#FFFFFF	Sample Text	7.46:1 AAA	✓	170	✓	510	✓
.....	#555555	#FFFFFF	Sample Text	7.46:1 AAA	✓	170	✓	510	✓
.....	#555555	#FFFFFF	Sample Text	7.46:1 AAA	✓	170	✓	510	✓
.....	#555555	#FFFFFF	Sample Text	7.46:1 AAA	✓	170	✓	510	✓
.....	#555555	#FFFFFF	Sample Text	7.46:1 AAA	✓	170	✓	510	✓
.....	#555555	#FFFFFF	Sample Text	7.46:1 AAA	✓	170	✓	510	✓
.....	#555555	#FFFFFF	Sample Text	7.46:1 AAA	✓	170	✓	510	✓
.....	#555555	#FFFFFF	Sample Text	7.46:1 AAA	✓	170	✓	510	✓
.....	#555555	#FFFFFF	Sample Text	7.46:1 AAA	✓	170	✓	510	✓
.....	#555555	#FFFFFF	Sample Text	7.46:1 AAA	✓	170	✓	510	✓
.....	#555555	#FFFFFF	Sample Text	7.46:1 AAA	✓	170	✓	510	✓
.....	#555555	#FFFFFF	Sample Text	7.46:1 AAA	✓	170	✓	510	✓
.....	#555555	#FFFFFF	Sample Text	7.46:1 AAA	✓	170	✓	510	✓
.....	#555555	#FFFFFF	Sample Text	7.46:1 AAA	✓	170	✓	510	✓
.....	#555555	#FFFFFF	Sample Text	7.46:1 AAA	✓	170	✓	510	✓
.....	#555555	#FFFFFF	Sample Text	7.46:1 AAA	✓	170	✓	510	✓
.....	#555555	#FFFFFF	Sample Text	7.46:1 AAA	✓	170	✓	510	✓
.....	#555555	#FFFFFF	Sample Text	7.46:1 AAA	✓	170	✓	510	✓
..	#3E3F3A	#ADD8E6	Sample Text	6.95:1 AA	✓	142	✓	436	✗
...	#3E3F3A	#ADD8E6	Sample Text	6.95:1 AA	✓	142	✓	436	✗
...	#D9534F	#ADD8E6	Sample Text	2.59:1	✗	82	✗	328	✗
..	#555555	#FFFFFF	Sample Text	7.46:1 AAA	✓	170	✓	510	✓
...	#555555	#FFFFFF	Sample Text	7.46:1	✓	170	✓	510	✓

				AAA					
.....	#555555	#FFFFFF	Sample Text	7.46:1 AAA	✓	170	✓	510	✓
.....	#555555	#FFFFFF	Sample Text	7.46:1 AAA	✓	170	✓	510	✓
.....	#555555	#FFFFFF	Sample Text	7.46:1 AAA	✓	170	✓	510	✓
.....	#555555	#FFFFFF	Sample Text	7.46:1 AAA	✓	170	✓	510	✓
.....	#93C54B	#FFFFFF	Sample Text	2.03:1	✗	86	✗	346	✗
.....	#93C54B	#FFFFFF	Sample Text	2.03:1	✗	86	✗	346	✗
.....	#333333	#FFFFFF	Sample Text	12.63:1 AAA	✓	204	✓	612	✓
.....	#93C54B	#FFFFFF	Sample Text	2.03:1	✗	86	✗	346	✗
.....	#93C54B	#FFFFFF	Sample Text	2.03:1	✗	86	✗	346	✗
.....	#555555	#FFFFFF	Sample Text	7.46:1 AAA	✓	170	✓	510	✓
.....	#555555	#FFFFFF	Sample Text	7.46:1 AAA	✓	170	✓	510	✓
.....	#93C54B	#FFFFFF	Sample Text	2.03:1	✗	86	✗	346	✗
.....	#93C54B	#FFFFFF	Sample Text	2.03:1	✗	86	✗	346	✗
.....	#333333	#FFFFFF	Sample Text	12.63:1 AAA	✓	204	✓	612	✓
.....	#93C54B	#FFFFFF	Sample Text	2.03:1	✗	86	✗	346	✗
.....	#93C54B	#FFFFFF	Sample Text	2.03:1	✗	86	✗	346	✗
.....	#555555	#FFFFFF	Sample Text	7.46:1 AAA	✓	170	✓	510	✓
.....	#555555	#FFFFFF	Sample Text	7.46:1 AAA	✓	170	✓	510	✓
.....	#93C54B	#FFFFFF	Sample Text	2.03:1	✗	86	✗	346	✗
.....	#93C54B	#FFFFFF	Sample Text	2.03:1	✗	86	✗	346	✗
.....	#333333	#FFFFFF	Sample Text	12.63:1 AAA	✓	204	✓	612	✓
.....	#93C54B	#FFFFFF	Sample Text	2.03:1	✗	86	✗	346	✗
.....	#93C54B	#FFFFFF	Sample Text	2.03:1	✗	86	✗	346	✗
.....	#555555	#FFFFFF	Sample Text	7.46:1 AAA	✓	170	✓	510	✓

.....	#555555	#FFFFFF	Sample Text	7.46:1 AAA		170		510	
.....	#93C54B	#FFFFFF	Sample Text	2.03:1		86		346	
.....	#93C54B	#FFFFFF	Sample Text	2.03:1		86		346	
.....	#333333	#FFFFFF	Sample Text	12.63:1 AAA		204		612	
.....	#93C54B	#FFFFFF	Sample Text	2.03:1		86		346	
.....	#93C54B	#FFFFFF	Sample Text	2.03:1		86		346	
.....	#555555	#FFFFFF	Sample Text	7.46:1 AAA		170		510	
.....	#555555	#FFFFFF	Sample Text	7.46:1 AAA		170		510	
.....	#555555	#FFFFFF	Sample Text	7.46:1 AAA		170		510	
.....	#555555	#FFFFFF	Sample Text	7.46:1 AAA		170		510	
.....	#555555	#FFFFFF	Sample Text	7.46:1 AAA		170		510	
.....	#555555	#FFFFFF	Sample Text	7.46:1 AAA		170		510	
.....	#555555	#FFFFFF	Sample Text	7.46:1 AAA		170		510	
.....	#555555	#FFFFFF	Sample Text	7.46:1 AAA		170		510	
.....	#555555	#FFFFFF	Sample Text	7.46:1 AAA		170		510	
.....	#555555	#FFFFFF	Sample Text	7.46:1 AAA		170		510	
.....	#563D7C	#FFFFFF	Sample Text	8.92:1 AAA		179		494	
..	#3E3F3A	#ADD8E6	Sample Text	6.95:1 AA		142		436	
...	#3E3F3A	#ADD8E6	Sample Text	6.95:1 AA		142		436	
...	#D9534F	#ADD8E6	Sample Text	2.59:1		82		328	
..	#555555	#FFFFFF	Sample Text	7.46:1 AAA		170		510	
...	#555555	#FFFFFF	Sample Text	7.46:1 AAA		170		510	
.....	#333333	#FFFFFF	Sample Text	12.63:1 AAA		204		612	
.....	#555555	#FFFFFF	Sample Text	7.46:1 AAA		170		510	
.....	#555555	#FFFFFF	Sample Text	7.46:1 AAA		170		510	
				7.46:1					



....	#555555	#FFFFFF	Sample Text	AAA	✓	170	✓	510	✓
.....	#555555	#FFFFFF	Sample Text	7.46:1 AAA	✓	170	✓	510	✓
.....	#93C54B	#FFFFFF	Sample Text	2.03:1	✗	86	✗	346	✗
.....	#FFFFFF	#FFFFFF		1:1	✗	0	✗	0	✗
.....	#333333	#FFFFFF	Sample Text	12.63:1 AAA	✓	204	✓	612	✓
.....	#93C54B	#FFFFFF	Sample Text	2.03:1	✗	86	✗	346	✗
.....	#555555	#FFFFFF	Sample Text	7.46:1 AAA	✓	170	✓	510	✓
.....	#555555	#FFFFFF	Sample Text	7.46:1 AAA	✓	170	✓	510	✓
.....	#93C54B	#FFFFFF	Sample Text	2.03:1	✗	86	✗	346	✗
.....	#FFFFFF	#FFFFFF		1:1	✗	0	✗	0	✗
.....	#333333	#FFFFFF	Sample Text	12.63:1 AAA	✓	204	✓	612	✓
.....	#93C54B	#FFFFFF	Sample Text	2.03:1	✗	86	✗	346	✗
.....	#555555	#FFFFFF	Sample Text	7.46:1 AAA	✓	170	✓	510	✓
.....	#555555	#FFFFFF	Sample Text	7.46:1 AAA	✓	170	✓	510	✓
.....	#93C54B	#FFFFFF	Sample Text	2.03:1	✗	86	✗	346	✗
.....	#FFFFFF	#FFFFFF		1:1	✗	0	✗	0	✗
.....	#333333	#FFFFFF	Sample Text	12.63:1 AAA	✓	204	✓	612	✓
.....	#93C54B	#FFFFFF	Sample Text	2.03:1	✗	86	✗	346	✗
.....	#555555	#FFFFFF	Sample Text	7.46:1 AAA	✓	170	✓	510	✓
..	#3E3F3A	#FFFFFF	Sample Text	10.62:1 AAA	✓	192	✓	582	✓
**	#3E3F3A	#FFFFFF	Sample Text	10.62:1 AAA	✓	192	✓	582	✓
***	#3E3F3A	#FFFFFF	Sample Text	10.62:1 AAA	✓	192	✓	582	✓
****	#3E3F3A	#FFFFFF	Sample Text	10.62:1 AAA	✓	192	✓	582	✓
*****	#3E3F3A	#FFFFFF	Sample Text	10.62:1 AAA	✓	192	✓	582	✓
*****	#3E3F3A	#FFFFFF	Sample Text	10.62:1	✓	192	✓	582	✓



				AAA				
.....	#3E3F3A	#FFFFFF	Sample Text	10.62:1 AAA	✓	192	✓	582 ✓
.....	#3E3F3A	#FFFFFF	Sample Text	10.62:1 AAA	✓	192	✓	582 ✓
.....	#3E3F3A	#FFFFFF	Sample Text	10.62:1 AAA	✓	192	✓	582 ✓
.....	#3E3F3A	#FFFFFF	Sample Text	10.62:1 AAA	✓	192	✓	582 ✓
.....	#3E3F3A	#FFFFFF	Sample Text	10.62:1 AAA	✓	192	✓	582 ✓
.....	#98978B	#FFFFFF	Sample Text	2.94:1	✗	105	✗	323 ✗
.....	#3E3F3A	#FFFFFF	Sample Text	10.62:1 AAA	✓	192	✓	582 ✓
.....	#98978B	#F8F5F0	Sample Text	2.71:1	✗	95	✗	291 ✗
.....	#3E3F3A	#FFFFFF	Sample Text	10.62:1 AAA	✓	192	✓	582 ✓
.....	#3E3F3A	#FFFFFF	Sample Text	10.62:1 AAA	✓	192	✓	582 ✓
.....	#3E3F3A	#FFFFFF	Sample Text	10.62:1 AAA	✓	192	✓	582 ✓
.....	#FFFFFF	#93C54B	Sample Text	2.03:1	✗	86	✗	346 ✗
.....	#FFFFFF	#93C54B	Sample Text	2.03:1	✗	86	✗	346 ✗
.....	#FFFFFF	#93C54B	Sample Text	2.03:1	✗	86	✗	346 ✗
.....	#3E3F3A	#FFFFFF	Sample Text	10.62:1 AAA	✓	192	✓	582 ✓
.....	#3E3F3A	#FFFFFF	Sample Text	10.62:1 AAA	✓	192	✓	582 ✓
.....	#3E3F3A	#DFD7CA	Sample Text	7.44:1 AAA	✓	153	✓	457 ✗
.....	#FFFFFF	#93C54B	Sample Text	2.03:1	✗	86	✗	346 ✗
.....	#3E3F3A	#FFFFFF	Sample Text	10.62:1 AAA	✓	192	✓	582 ✓
.....	#3E3F3A	#FFFFFF	Sample Text	10.62:1 AAA	✓	192	✓	582 ✓
.....	#3E3F3A	#FFFFFF	Sample Text	10.62:1 AAA	✓	192	✓	582 ✓
..	#3E3F3A	#FFFFFF	Sample Text	10.62:1 AAA	✓	192	✓	582 ✓
...	#3E3F3A	#FFFFFF	Sample Text	10.62:1 AAA	✓	192	✓	582 ✓
....	#3E3F3A	#FFFFFF	Sample Text	10.62:1 AAA	✓	192	✓	582 ✓

				AAA				
.....	#3E3F3A	#FFFFFF	Sample Text	10.62:1 AAA	✓	192	✓	582 ✓
.....	#3E3F3A	#FFFFFF	Sample Text	10.62:1 AAA	✓	192	✓	582 ✓
.....	#3E3F3A	#FFFFFF	Sample Text	10.62:1 AAA	✓	192	✓	582 ✓
.....	#3E3F3A	#FFFFFF	Sample Text	10.62:1 AAA	✓	192	✓	582 ✓
.....	#3E3F3A	#FFFFFF	Sample Text	10.62:1 AAA	✓	192	✓	582 ✓
.....	#3E3F3A	#FFFFFF	Sample Text	10.62:1 AAA	✓	192	✓	582 ✓
.....	#3E3F3A	#FFFFFF	Sample Text	10.62:1 AAA	✓	192	✓	582 ✓
.....	#98978B	#FFFFFF	Sample Text	2.94:1	✗	105	✗	323 ✗
.....	#3E3F3A	#FFFFFF	Sample Text	10.62:1 AAA	✓	192	✓	582 ✓
.....	#3E3F3A	#FFFFFF	Sample Text	10.62:1 AAA	✓	192	✓	582 ✓
.....	#3E3F3A	#FFFFFF	Sample Text	10.62:1 AAA	✓	192	✓	582 ✓
.....	#FFFFFF	#93C54B	Sample Text	2.03:1	✗	86	✗	346 ✗
.....	#FFFFFF	#93C54B	Sample Text	2.03:1	✗	86	✗	346 ✗
.....	#FFFFFF	#93C54B	Sample Text	2.03:1	✗	86	✗	346 ✗
.....	#3E3F3A	#FFFFFF	Sample Text	10.62:1 AAA	✓	192	✓	582 ✓
.....	#3E3F3A	#FFFFFF	Sample Text	10.62:1 AAA	✓	192	✓	582 ✓
.....	#3E3F3A	#DFD7CA	Sample Text	7.44:1 AAA	✓	153	✓	457 ✗
.....	#FFFFFF	#93C54B	Sample Text	2.03:1	✗	86	✗	346 ✗
.....	#3E3F3A	#FFFFFF	Sample Text	10.62:1 AAA	✓	192	✓	582 ✓
.	#3E3F3A	#FFFFFF	Sample Text	10.62:1 AAA	✓	192	✓	582 ✓
.	#3E3F3A	#FFFFFF	Sample Text	10.62:1 AAA	✓	192	✓	582 ✓
..	#3E3F3A	#FFFFFF	Sample Text	10.62:1 AAA	✓	192	✓	582 ✓
...	#3E3F3A	#FFFFFF	Sample Text	10.62:1 AAA	✓	192	✓	582 ✓
....	#3E3F3A	#FFFFFF	Sample Text	10.62:1 AAA	✓	192	✓	582 ✓

.....

#93C54B   #FFFFFF   **Sample Text**   2.03:1    86    346 

Follow @giovanniscala (<https://twitter.com/giovanniscala>)  
Help requests, bugs report, contact: [info@checkmycolours.com](mailto:info@checkmycolours.com)  
More info on web accessibility: WAI (<http://www.w3.org/WAI/>) - WCAG 1.0 (<http://www.w3.org/TR/WCAG10/>) - WCAG 2.0  
(<http://www.w3.org/TR/WCAG20/>)  
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