

Converting Colors

CIELCh(53, 2.675, 210.990)

Have a look what the booklet for
CIELCh(53, 2.675, 210.990) contains.

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Color

CIELCh(53, 2.784, 211.271)

Conversions

Conversions Part 1

Format	Color
Hex	798081
RGB	121, 128, 129
RGB Percent	47%, 50%, 51%
CMY	0.5259, 0.4985, 0.4946
CMYK	0.06, 0.01, 0.00, 0.49
HSL	187°, 3%, 49%
HSV	187°, 6%, 51%
XYZ	19.5275, 21.0462, 23.7610
YIQ	126.0210, -4.4930, -1.1730

Conversions

Conversions Part 2

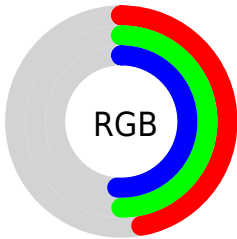
Format	Color
R_{YB}	121, 125, 129
Decimal	7962753
CIE _{Lab}	53.00, -2.38, -1.45
CIE _{LCh}	53, 2.784, 211.271
Yxy	21.0462, 0.3035, 0.3271
Android (android.graphics.Color)	4286152833 (0xFF798081)
YUV	126.0210, 1.4686, -4.4034
Hunter-Lab	45.8761, -4.3036, 1.4047

Details

The CIELCh color **53, 2.784, 211.271** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **52, 2.891, 31.093**, and the grayscale version is **53, 0.007, 296.813**.

A 20% lighter version of the original color is **73, 2.982, 209.837**, and **33, 3.004, 211.211** is the 20% darker color. If you saturate the color by 10%, you get **52, 7.084, 211.150**, and if you desaturate by 10%, it is **55, 1.739, 30.958**.

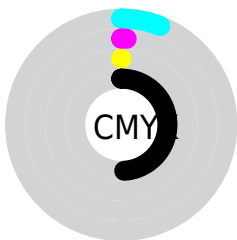
Distribution



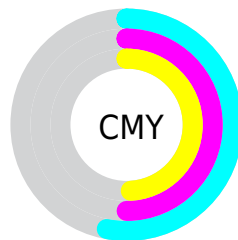
- Red (47%)
- Green (50%)
- Blue (51%)



- Red (47%)
- Yellow (49%)
- Blue (51%)



- Cyan (6%)
- Magenta (1%)
- Yellow (0%)
- Black (49%)



- Cyan (53%)
- Magenta (50%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 53, 2.784, 211.271 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the CIELCh color 53, 2.784, 211.271 by changing the saturation by 10% instead.

■ 53, 2.784, 211.271

■ 53, 2.784, 211.271

■ 100, 2.784,
211.271

■ 43, 2.784, 211.271

■ 73, 2.784, 211.271

■ 33, 2.784, 211.271

■ 83, 2.784, 211.271

■ 23, 2.784, 211.271

■ 93, 2.784, 211.271

■ 13, 2.784, 211.271

■ 3, 2.784, 211.271

■ 0, 2.784, 211.271

■ 53, 2.784, 211.271

■ 53, 2.784, 211.271

■ 52, 7.084, 211.150

■ 55, 1.739, 30.958

■ 50, 11.099,

■ 56, 6.432, 31.282

211.232

58, 11.250, 31.515

49, 14.762,
211.462

59, 16.155, 31.770

48, 18.007,
211.862

61, 21.116, 32.046

47, 20.768,
212.470

63, 26.108, 32.339

46, 22.994,
213.325

65, 31.113, 32.643

67, 36.115, 32.952

45, 24.651,
214.474

69, 41.103, 33.264

44, 25.740,
215.964

44, 26.342,
217.797

Harmonies

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



53, 2.784, 211.271



52, 2.891, 31.093

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



53, 2.784, 211.271



53, 2.784, 261.271



53, 2.784, 31.271



53, 2.784, 81.271

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



53, 2.785, 211.243



69, 1.127, 211.560



53, 5.207, 147.465



36, 0.638, 211.594



85, 0.010, 296.813



36, 0.005, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



53, 2.785, 211.243



68, 3.898, 211.219



52, 3.088, 267.753



26, 2.000, 211.217



43, 26.341, 218.477



0, 0.000, 0.000

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



52, 5.192, 328.343



66, 7.289, 328.403



53, 3.092, 86.106



25, 3.742, 328.410



29, 62.880, 333.715



0, 0.000, 0.000

Previews

White Background



This preview shows how the CIELCh color 53, 2.784, 211.271 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 53, 2.784, 211.271 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

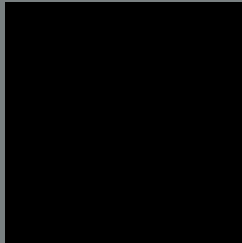
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

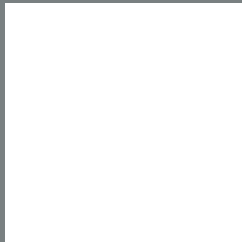
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 53, 2.784, 211.271

Background



This preview shows how black text looks on a background with the CIELCh color 53, 2.784, 211.271.



This preview shows how white text looks on a background with the CIELCh color 53, 2.784, 211.271.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

53, 2.784, 211.271

Protanopia

53, 1.416, 324.393

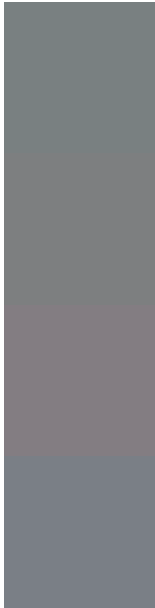
Deuteranopia

53, 6.920, 344.434



Tritanopia
53, 6.054, 272.549

Trichromacy



Original Color

53, 2.784, 211.271

Protanomaly

53, 0.974, 236.239

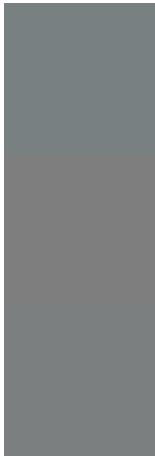
Deuteranomaly

53, 3.767, 329.598

Tritanomaly

53, 4.451, 265.070

Monochromacy



Original Color

53, 2.784, 211.271

Achromatopsia

53, 0.007, 296.813

Achromatomaly

53, 1.184, 199.613

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 53, 2.784, 211.271 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(121, 128, 129)` looks like.

```
.text, #text, p{  
    color:rgb(121, 128, 129)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(121, 128, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(121, 128, 129) }
```

Border

The CSS property to change the border of an element to CIELCh 53, 2.784, 211.271 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(121, 128, 129) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(121, 128, 129) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(121, 128, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(121, 128, 129); -webkit-box-shadow:4px 4px 4px 4px rgb(121, 128, 129); box-shadow:4px 4px 4px 4px rgb(121, 128, 129) }
```

Background

The CSS property to change the background color of an element to CIELCh 53, 2.784, 211.271 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(121, 128, 129) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(121,  
128, 129) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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