

Converting Colors

CIELCh(54, 2.805, 19.498)

Have a look what the booklet for
CIELCh(54, 2.805, 19.498) contains.

CIELCh(54, 2.804, 19.563)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(54, 2.804, 19.563)

Conversions

Conversions Part 1

Format	Color
Hex	878080
RGB	135, 128, 128
RGB Percent	53%, 50%, 50%
CMY	0.4724, 0.4999, 0.4999
CMYK	0.00, 0.05, 0.05, 0.47
HSL	0°, 3%, 51%
HSV	0°, 5%, 53%
XYZ	21.4397, 21.9746, 23.3725
YIQ	130.0930, 4.1720, 1.4840

Conversions

Conversions Part 2

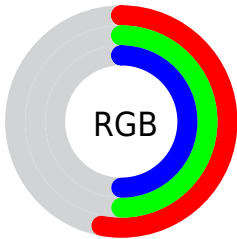
Format	Color
R _Y B	135, 128, 128
Decimal	8880256
CIE Lab	54.00, 2.64, 0.94
CIE LCh	54, 2.804, 19.563
Yxy	21.9746, 0.3210, 0.3290
Android (android.graphics.Color)	4287070336 (0xFF878080)
YUV	130.0930, -1.0318, 4.3034
Hunter-Lab	46.8770, -0.3961, 3.2524

Details

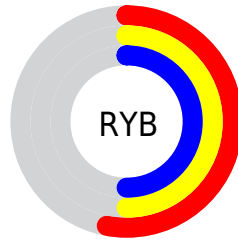
The CIELCh color $54, 2.804, 19.563$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $56, 2.716, 199.308$, and the grayscale version is $54, 0.007, 296.813$.

A 20% lighter version of the original color is $74, 2.625, 19.427$, and $34, 2.623, 19.690$ is the 20% darker color. If you saturate the color by 10%, you get $50, 8.511, 20.382$, and if you desaturate by 10%, it is $58, 2.489, 199.359$.

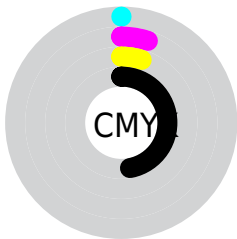
Distribution



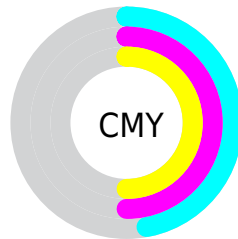
- Red (53%)
- Green (50%)
- Blue (50%)



- Red (53%)
- Yellow (50%)
- Blue (50%)



- Cyan (0%)
- Magenta (5%)
- Yellow (5%)
- Black (47%)



- Cyan (47%)
- Magenta (50%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 54, 2.804, 19.563 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 54, 2.804, 19.563 by changing the saturation by 10% instead.

■ 54, 2.804, 19.563 ■ 54, 2.804, 19.563

■ 100, 2.804, 19.563 ■ 44, 2.804, 19.563

■ 74, 2.804, 19.563 ■ 34, 2.804, 19.563

■ 84, 2.804, 19.563 ■ 24, 2.804, 19.563

■ 94, 2.804, 19.563 ■ 14, 2.804, 19.563

■ 4, 2.804, 19.563

■ 0, 2.804, 19.563

■ 54, 2.804, 19.563 ■ 54, 2.804, 19.563

■ 50, 8.511, 20.382 ■ 58, 2.489, 199.359

■ 46, 14.651, 21.290 ■ 62, 7.397, 198.817

42, 21.214, 22.446

66, 11.957,
198.449

39, 28.148, 23.941

71, 16.208,
198.159

35, 35.345, 25.873

33, 42.633, 28.336

75, 20.187,
197.924

30, 49.773, 31.363

79, 23.927,
197.731

29, 56.412, 34.790

27, 61.686, 37.727

83, 27.457,
197.571

87, 30.805,
197.437

91, 33.991,
197.323

Harmonies

Complementary

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



54, 2.804, 19.563



56, 2.716, 199.308

Rectangle

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



54, 2.804, 19.563



54, 2.804, 69.563



54, 2.804, 199.563



54, 2.804, 249.563

Sweetspot

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



54, 2.803, 19.591



71, 1.327, 19.174



54, 4.908, 324.677



37, 0.760, 19.139



87, 0.010, 296.813



38, 0.005, 296.813

Same Dimension

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



54, 2.803, 19.591



69, 4.041, 19.672



55, 2.431, 74.700



27, 2.112, 19.692



26, 62.114, 38.515



0, 0.707, 19.433

Inverse Universe

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



56, 2.716, 199.308



71, 3.894, 199.237



55, 2.411, 256.160



28, 2.032, 199.219



49, 30.395, 196.436



1, 0.707, 199.450

Previews

White Background



This preview shows how the CIELCh color 54, 2.804, 19.563 looks on a white background.

Color Contrast Check

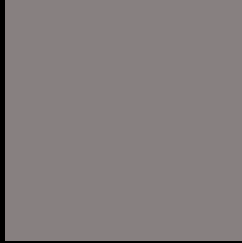
Large Text (above 18pt) WCAG AA ✓ Pass

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 54, 2.804, 19.563 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

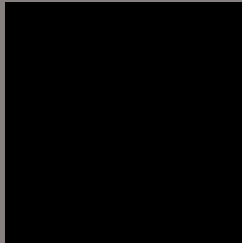
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

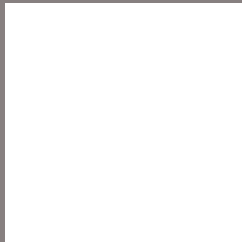
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 54, 2.804, 19.563

Background



This preview shows how black text looks on a background with the CIELCh color 54, 2.804, 19.563.



This preview shows how white text looks on a background with the CIELCh color 54, 2.804, 19.563.

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

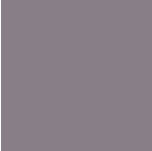
54, 2.804, 19.563

Protanopia

54, 1.596, 19.326

Deuteranopia

54, 7.083, 6.095



Tritanopia
54, 7.011, 324.803

Trichromacy



Original Color
54, 2.804, 19.563

Protanomaly
54, 1.997, 19.419

Deuteranomaly
54, 5.364, 7.574

Tritanomaly
54, 4.711, 332.657

Monochromacy



Original Color
54, 2.804, 19.563

Achromatopsia
54, 0.007, 296.813

Achromatomaly
54, 1.194, 19.197

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 54, 2.804, 19.563 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(135, 128, 128)` looks like.

```
.text, #text, p{  
    color:rgb(135, 128, 128)  
}
```

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(135, 128, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 128, 128) }
```

Border

The CSS property to change the border of an element to CIELCh 54, 2.804, 19.563 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(135, 128, 128) }
```

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

```
.border{ border-color:rgb(135, 128, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(135, 128, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(135, 128, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(135, 128, 128);  
box-shadow:4px 4px 4px 4px rgb(135, 128,  
128) }
```

Background

The CSS property to change the background color of an element to CIELCh 54, 2.804, 19.563 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(135, 128, 128) }
```

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

```
.background{ background-color: rgb(135,  
128, 128) }
```

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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