

Converting Colors

CIELCh(54, 23.359, 20.768)

Have a look what the booklet for
CIELCh(54, 23.359, 20.768) contains.

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Color

CIELCh(54, 23.359, 20.768)

Conversions

Conversions Part 1

Format	Color
Hex	AA7374
RGB	170, 115, 116
RGB Percent	67%, 45%, 45%
CMY	0.3344, 0.5500, 0.5461
CMYK	0.00, 0.32, 0.32, 0.33
HSL	359°, 24%, 56%
HSV	359°, 32%, 67%
XYZ	25.7581, 21.9746, 19.3308
YIQ	131.5590, 32.4590, 11.9710

Conversions

Conversions Part 2

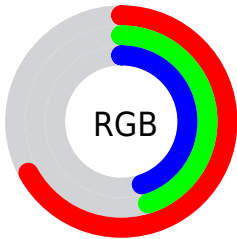
Format	Color
R _Y B	170, 115, 116
Decimal	11170676
CIE Lab	54.00, 21.84, 8.28
CIE LCh	54, 23.359, 20.768
Yxy	21.9746, 0.3841, 0.3277
Android (android.graphics.Color)	4289360756 (0xFFAA7374)
YUV	131.5590, -7.6706, 33.7128
Hunter-Lab	46.8770, 16.0479, 8.3644

Details

The CIELCh color **54, 23.359, 20.768** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **66, 18.893, 196.137**, and the grayscale version is **55, 0.007, 296.813**.

A 20% lighter version of the original color is **74, 23.691, 20.224**, and **34, 23.357, 20.513** is the 20% darker color. If you saturate the color by 10%, you get **50, 31.585, 22.261**, and if you desaturate by 10%, it is **59, 15.578, 19.614**.

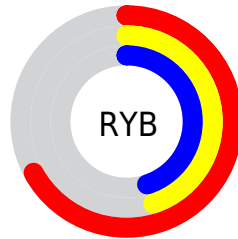
Distribution



Red (67%)

Green (45%)

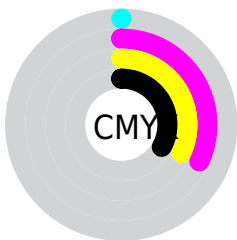
Blue (45%)



Red (67%)

Yellow (45%)

Blue (45%)

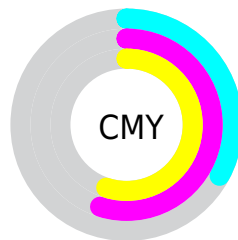


Cyan (0%)

Magenta (32%)

Yellow (32%)

Black (33%)



Cyan (33%)

Magenta (55%)

Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 54, 23.359, 20.768 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, 23.359, 20.768 by changing the saturation by 10% instead.

■ 54, 23.359, 20.768

■ 54, 23.359, 20.768

■ 100, 23.359,
20.768

■ 44, 23.359, 20.768

■ 74, 23.359, 20.768

■ 34, 23.359, 20.768

■ 84, 23.359, 20.768

■ 24, 23.359, 20.768

■ 94, 23.359, 20.768

■ 14, 23.359, 20.768

■ 4, 23.359, 20.768

■ 0, 23.359, 20.768

■ 54, 23.359, 20.768

■ 54, 23.359, 20.768

■ 50, 31.585, 22.261

■ 59, 15.578, 19.614

■ 46, 40.135, 24.184

■ 63, 8.304, 18.692

42, 48.804, 26.650

68, 1.543, 17.729

39, 57.314, 29.727

73, 4.728, 197.583

37, 65.297, 33.322

78, 10.547,
197.071

36, 72.097, 36.940

83, 15.961,
196.682

35, 76.189, 39.145

88, 21.014,
196.366

93, 25.751,
196.103

95, 26.828,
197.763

Harmonies

Complementary

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



54, 23.359, 20.768



66, 18.893, 196.137

Rectangle

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



54, 23.359, 20.768



54, 23.359, 70.768



54, 23.359, 200.768



54, 23.359, 250.768

Sweetspot

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



54, 23.357, 20.773



82, 8.265, 18.508



55, 36.794, 325.203



43, 5.713, 18.621



95, 0.011, 296.813



47, 0.006, 296.813

Same Dimension

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



54, 23.357, 20.773



66, 35.832, 21.824



60, 19.263, 67.945



33, 3.723, 18.434



30, 68.375, 38.636



1, 6.576, 18.102

Inverse Universe

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



54, 23.357, 20.773



66, 35.832, 21.824



58, 17.295, 256.695



33, 3.723, 18.434



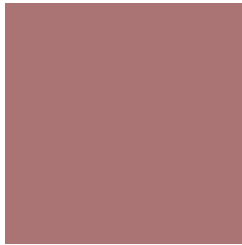
30, 68.375, 38.636



1, 6.576, 18.102

Previews

White Background



This preview shows how the CIELCh color 54, 23.359, 20.768 looks on a white background.

Color Contrast Check

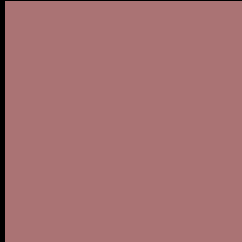
Large Text (above 18pt) WCAG AA ✓ Pass

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, 23.359, 20.768 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, 23.359, 20.768

Background



This preview shows how black text looks on a background with the CIELCh color 54, 23.359, 20.768.



This preview shows how white text looks on a background with the CIELCh color 54, 23.359, 20.768.

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, 23.359, 20.768

Protanopia

54, 3.794, 84.450

Deuteranopia

54, 11.644, 52.838



Tritanopia
54, 23.707, 11.301

Trichromacy



Original Color
54, 23.359, 20.768

Protanomaly
54, 9.424, 34.347

Deuteranomaly
54, 15.291, 33.844

Tritanomaly
54, 23.669, 14.040

Monochromacy



Original Color
54, 23.359, 20.768

Achromatopsia
55, 0.007, 296.813

Achromatomaly
54, 8.173, 20.250

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 54, 23.359, 20.768 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(170, 115, 116)` looks like.

```
.text, #text, p{  
    color:rgb(170, 115, 116)  
}
```

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(170, 115, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 115, 116) }
```

Border

The CSS property to change the border of an element to CIELCh 54, 23.359, 20.768 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(170, 115, 116) }
```

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

```
.border{ border-color:rgb(170, 115, 116) }
```

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

Here you see how a box with a 4 pixel `rgb(170, 115, 116)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 115, 116); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 115, 116);  
box-shadow:4px 4px 4px 4px rgb(170, 115,  
116) }
```

Background

The CSS property to change the background color of an element to CIELCh 54, 23.359, 20.768 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 115, 116) }
```

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

```
.background{ background-color: rgb(170,  
115, 116) }
```

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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