

Converting Colors

CIELCh(58, 19.104, 21.498)

Have a look what the booklet for
CIELCh(58, 19.104, 21.498) contains.

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Color

CIELCh(58, 19.098, 21.454)

Conversions

Conversions Part 1

Format	Color
Hex	AE8080
RGB	174, 128, 128
RGB Percent	68%, 50%, 50%
CMY	0.3180, 0.4984, 0.4984
CMYK	0.00, 0.26, 0.26, 0.32
HSL	0°, 22%, 59%
HSV	0°, 26%, 68%
XYZ	29.0344, 25.9610, 23.8739
YIQ	141.7540, 27.4160, 9.7520

Conversions

Conversions Part 2

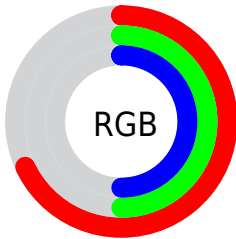
Format	Color
R_{YB}	174, 128, 128
Decimal	11436160
CIE Lab	58.00, 17.77, 6.99
CIE LCh	58, 19.098, 21.454
Yxy	25.9610, 0.3681, 0.3292
Android (android.graphics.Color)	4289626240 (0xFFAE8080)
YUV	141.7540, -6.7807, 28.2797
Hunter-Lab	50.9519, 12.5506, 7.8856

Details

The CIELCh color **58, 19.098, 21.454** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **68, 16.020, 198.109**, and the grayscale version is **59, 0.008, 296.813**.

A 20% lighter version of the original color is **78, 18.966, 20.967**, and **38, 19.090, 20.551** is the 20% darker color. If you saturate the color by 10%, you get **53, 27.288, 22.702**, and if you desaturate by 10%, it is **63, 11.430, 20.493**.

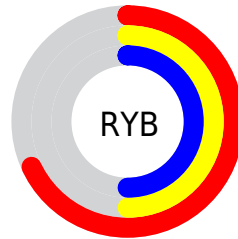
Distribution



Red (68%)

Green (50%)

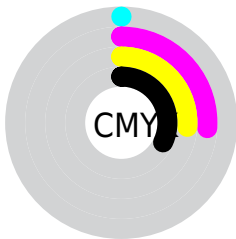
Blue (50%)



Red (68%)

Yellow (50%)

Blue (50%)

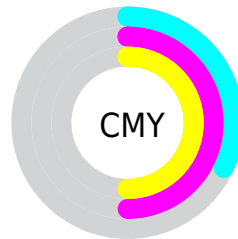


Cyan (0%)

Magenta (26%)

Yellow (26%)

Black (32%)



Cyan (32%)

Magenta (50%)

Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 58, 19.098, 21.454 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 58, 19.098, 21.454 by changing the saturation by 10% instead.

■ 58, 19.098, 21.454

■ 58, 19.098, 21.454

■ 100, 19.098,
21.454

■ 48, 19.098, 21.454

■ 78, 19.098, 21.454

■ 38, 19.098, 21.454

■ 88, 19.098, 21.454

■ 28, 19.098, 21.454

■ 98, 19.098, 21.454

■ 18, 19.098, 21.454

■ 8, 19.098, 21.454

■ 0, 19.098, 21.454

■ 58, 19.098, 21.454

■ 58, 19.098, 21.454

■ 53, 27.288, 22.702

■ 63, 11.430, 20.493

■ 49, 35.925, 24.319

■ 68, 4.309, 19.687

45, 44.851, 26.416

73, 2.283, 199.446

42, 53.823, 29.086

78, 8.386, 198.834

39, 62.507, 32.328

83, 14.046,
198.449

37, 70.368, 35.862

88, 19.313,
198.147

36, 76.386, 38.896

36, 78.410, 39.934

93, 24.235,
197.905

95, 25.687,
197.833

Harmonies

Complementary

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



58, 19.098, 21.454



68, 16.020, 198.109

Rectangle

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



58, 19.098, 21.454



58, 19.098, 71.454



58, 19.098, 201.454



58, 19.098, 251.454

Sweetspot

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



58, 19.096, 21.460



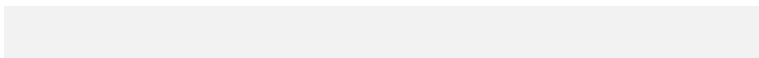
85, 6.684, 19.823



59, 30.981, 325.856



45, 4.816, 19.940



96, 0.011, 296.813



48, 0.006, 296.813

Same Dimension

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



58, 19.096, 21.460



71, 29.344, 22.181



64, 16.037, 72.180



34, 3.817, 19.914



31, 69.982, 39.447



2, 7.801, 19.409

Inverse Universe

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



68, 16.020, 198.109



86, 23.516, 197.840



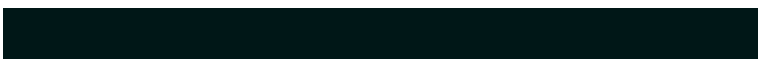
61, 14.939, 259.376



36, 3.603, 198.994



56, 33.805, 196.396



6, 7.800, 199.429

Previews

White Background



This preview shows how the CIELCh color 58, 19.098, 21.454 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 58, 19.098, 21.454 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

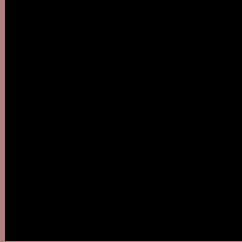
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 58, 19.098, 21.454

Background



This preview shows how black text looks on a background with the CIELCh color 58, 19.098, 21.454.



This preview shows how white text looks on a background with the CIELCh color 58, 19.098, 21.454.

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

58, 19.098, 21.454

Protanopia

58, 3.235, 80.344

Deuteranopia

58, 10.536, 45.537



Tritanopia
58, 20.084, 7.122

Trichromacy



Original Color
58, 19.098, 21.454

Protanomaly
58, 7.888, 32.505

Deuteranomaly
58, 13.584, 32.638

Tritanomaly
58, 19.898, 11.905

Monochromacy



Original Color
58, 19.098, 21.454

Achromatopsia
59, 0.008, 296.813

Achromatomaly
59, 6.800, 20.037

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 58, 19.098, 21.454 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(174, 128, 128)` looks like.

```
.text, #text, p{  
    color:rgb(174, 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(174, 128, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 128, 128) }
```

Border

The CSS property to change the border of an element to CIELCh 58, 19.098, 21.454 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(174, 128, 128) }
```

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

```
.border{ border-color:rgb(174, 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(174, 128, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 128, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 128, 128);  
box-shadow:4px 4px 4px 4px rgb(174, 128,  
128) }
```

Background

The CSS property to change the background color of an element to CIELCh 58, 19.098, 21.454 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 128, 128) }
```

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

```
.background{ background-color: rgb(174,  
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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