

Converting Colors

CIELCh(58, 20.827, 32.323)

Have a look what the booklet for
CIELCh(58, 20.827, 32.323) contains.

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Color

CIELCh(58, 20.791, 32.314)

Conversions

Conversions Part 1

Format	Color
Hex	B08079
RGB	176, 128, 121
RGB Percent	69%, 50%, 47%
CMY	0.3107, 0.4989, 0.5263
CMYK	0.00, 0.27, 0.31, 0.31
HSL	8°, 26%, 58%
HSV	8°, 31%, 69%
XYZ	28.9818, 25.9610, 21.5049
YIQ	141.5540, 30.8550, 7.9990

Conversions

Conversions Part 2

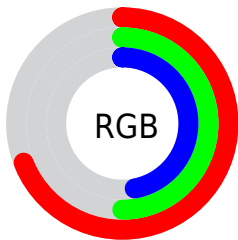
Format	Color
R_{YB}	176, 129, 121
Decimal	11567225
CIE _{Lab}	58.00, 17.57, 11.11
CIE _{LCh}	58, 20.791, 32.314
Yxy	25.9610, 0.3791, 0.3396
Android (android.graphics.Color)	4289757305 (0xFFB08079)
YUV	141.5540, -10.1331, 30.2091
Hunter-Lab	50.9519, 12.3662, 10.6423

Details

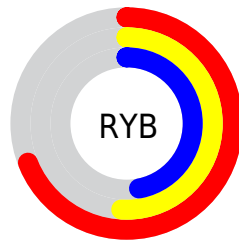
The CIELCh color **58, 20.791, 32.314** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **66, 16.672, 211.662**, and the grayscale version is **59, 0.008, 296.813**.

A 20% lighter version of the original color is **78, 20.985, 32.619**, and **38, 21.023, 32.264** is the 20% darker color. If you saturate the color by 10%, you get **54, 28.563, 33.009**, and if you desaturate by 10%, it is **62, 13.573, 31.846**.

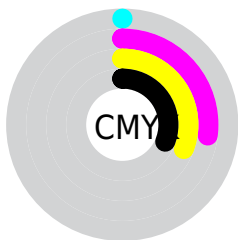
Distribution



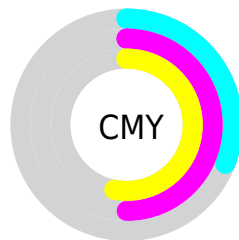
- Red (69%)
- Green (50%)
- Blue (47%)



- Red (69%)
- Yellow (51%)
- Blue (47%)



- Cyan (0%)
- Magenta (27%)
- Yellow (31%)
- Black (31%)



- Cyan (31%)
- Magenta (50%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 58, 20.791, 32.314 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, 20.791, 32.314 by changing the saturation by 10% instead.

■ 58, 20.791, 32.314

■ 58, 20.791, 32.314

■ 100, 20.791,
32.314

■ 48, 20.791, 32.314

■ 78, 20.791, 32.314

■ 38, 20.791, 32.314

■ 88, 20.791, 32.314

■ 28, 20.791, 32.314

■ 98, 20.791, 32.314

■ 18, 20.791, 32.314

■ 8, 20.791, 32.314

■ 0, 20.791, 32.314

■ 58, 20.791, 32.314

■ 58, 20.791, 32.314

■ 54, 28.563, 33.009

■ 62, 13.573, 31.846

■ 50, 36.862, 33.970

■ 67, 6.904, 31.521

46, 45.596, 35.255

71, 0.751, 30.766

43, 54.576, 36.875

76, 4.930, 211.479

41, 63.430, 38.726

80, 10.187,
211.441

39, 71.354, 40.417

85, 15.069,
211.494

37, 76.985, 41.731

90, 19.621,
211.595

94, 23.762,
203.601

95, 25.173,
197.865

Harmonies

Complementary

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



58, 20.791, 32.314



66, 16.672, 211.662

Rectangle

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



58, 20.791, 32.314



58, 20.791, 82.314



58, 20.791, 212.314



58, 20.791, 262.314

Sweetspot

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



58, 20.790, 32.320



86, 6.784, 31.460



58, 34.096, 329.607



45, 4.737, 31.501



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, 20.790, 32.320



71, 32.325, 32.805



65, 20.821, 82.874



34, 3.399, 31.464



32, 68.083, 41.635



2, 7.074, 28.991

Inverse Universe

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



66, 16.672, 211.662



83, 24.385, 211.907



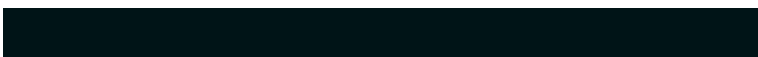
58, 20.256, 271.834



36, 3.204, 211.463



50, 29.641, 219.398



5, 6.692, 217.117

Previews

White Background



This preview shows how the CIELCh color 58, 20.791, 32.314 looks on a white background.

Color Contrast Check

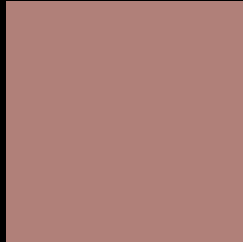
Large Text (above 18pt) WCAG AA ✓ Pass

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, 20.791, 32.314 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, 20.791, 32.314

Background



This preview shows how black text looks on a background with the CIELCh color 58, 20.791, 32.314.



This preview shows how white text looks on a background with the CIELCh color 58, 20.791, 32.314.

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, 20.791, 32.314

Protanopia

58, 7.208, 89.597

Deuteranopia

58, 13.580, 55.716



Tritanopia
58, 21.318, 8.152

Trichromacy



Original Color
58, 20.791, 32.314

Protanomaly
58, 10.401, 52.919

Deuteranomaly
58, 15.985, 45.605

Tritanomaly
58, 20.707, 17.045

Monochromacy



Original Color
58, 20.791, 32.314

Achromatopsia
59, 0.008, 296.813

Achromatomaly
58, 7.345, 28.904

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 58, 20.791, 32.314 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(176, 128, 121)` looks like.

```
.text, #text, p{  
    color:rgb(176, 128, 121)  
}
```

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(176, 128, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 128, 121) }
```

Border

The CSS property to change the border of an element to CIELCh 58, 20.791, 32.314 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(176, 128, 121) }
```

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

```
.border{ border-color:rgb(176, 128, 121) }
```

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

Here you see how a box with a 4 pixel `rgb(176, 128, 121)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 128, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 128, 121);  
box-shadow:4px 4px 4px 4px rgb(176, 128,  
121) }
```

Background

The CSS property to change the background color of an element to CIELCh 58, 20.791, 32.314 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 128, 121) }
```

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

```
.background{ background-color: rgb(176,  
128, 121) }
```

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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