

Converting Colors

CIELCh(60, 20.028, 30.949)

Have a look what the booklet for
CIELCh(60, 20.028, 30.949) contains.

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Color

CIELCh(60, 20.028, 30.949)

Conversions

Conversions Part 1

Format	Color
Hex	B4857F
RGB	180, 133, 127
RGB Percent	71%, 52%, 50%
CMY	0.2930, 0.4774, 0.5009
CMYK	0.00, 0.26, 0.29, 0.29
HSL	7°, 26%, 60%
HSV	7°, 29%, 71%
XYZ	31.1594, 28.1233, 23.9533
YIQ	146.3690, 29.9380, 8.0980

Conversions

Conversions Part 2

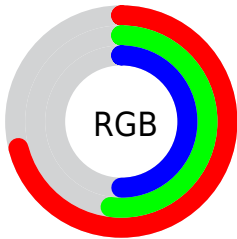
Format	Color
R_{YB}	180, 134, 127
Decimal	11830655
CIE Lab	60.00, 17.18, 10.30
CIE LCh	60, 20.028, 30.949
Yxy	28.1233, 0.3744, 0.3379
Android (android.graphics.Color)	4290020735 (0xFFB4857F)
YUV	146.3690, -9.5489, 29.4944
Hunter-Lab	53.0314, 12.0753, 10.3418

Details

The CIELCh color **60, 20.028, 30.949** is a dark color, and the websafe version is hex **CC9999**. A complement of this color would be **68, 16.293, 209.950**, and the grayscale version is **61, 0.008, 296.813**.

A 20% lighter version of the original color is **80, 20.175, 29.946**, and **40, 20.099, 30.714** is the 20% darker color. If you saturate the color by 10%, you get **56, 27.937, 31.686**, and if you desaturate by 10%, it is **64, 12.685, 30.440**.

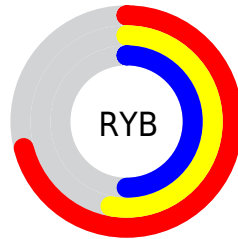
Distribution



Red (71%)

Green (52%)

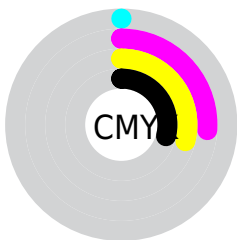
Blue (50%)



Red (71%)

Yellow (53%)

Blue (50%)

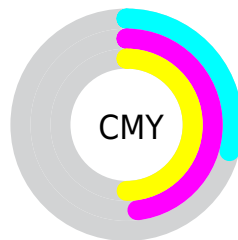


Cyan (0%)

Magenta (26%)

Yellow (29%)

Black (29%)



Cyan (29%)

Magenta (48%)

Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 60, 20.028, 30.949 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 60, 20.028, 30.949 by changing the saturation by 10% instead.

60, 20.028, 30.949

60, 20.028, 30.949

100, 20.028,
30.949

50, 20.028, 30.949

80, 20.028, 30.949

40, 20.028, 30.949

90, 20.028, 30.949

30, 20.028, 30.949

20, 20.028, 30.949

10, 20.028, 30.949

0, 20.028, 30.949

60, 20.028, 30.949

60, 20.028, 30.949

56, 27.937, 31.686

64, 12.685, 30.440

52, 36.388, 32.695

69, 5.903, 30.065

48, 45.290, 34.040

74, 0.355, 211.402

45, 54.462, 35.750

78, 6.134, 209.939

42, 63.561, 37.750

83, 11.483,
209.874

40, 71.865, 39.708

88, 16.452,
209.889

38, 78.419, 41.292

38, 78.805, 41.433

93, 21.087,
209.951

95, 23.907,
197.943

Harmonies

Complementary

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



60, 20.028, 30.949



68, 16.293, 209.950

Rectangle

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



60, 20.028, 30.949



60, 20.028, 80.949



60, 20.028, 210.949



60, 20.028, 260.949

Sweetspot

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



60, 20.027, 30.955



88, 6.985, 30.056



60, 33.129, 328.963



46, 4.878, 30.106



96, 0.011, 296.813



49, 0.007, 296.813

Same Dimension

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



60, 20.027, 30.955



73, 30.269, 31.377



67, 19.687, 81.614



35, 3.522, 30.062



32, 69.286, 41.356



2, 8.420, 27.356

Inverse Universe

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



68, 16.293, 209.950



85, 23.419, 210.073



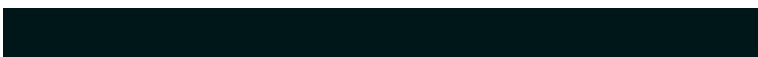
61, 19.050, 270.004



37, 3.319, 209.945



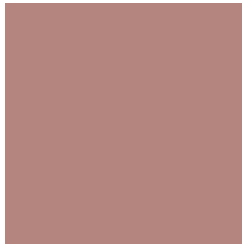
52, 30.236, 216.563



6, 7.897, 215.471

Previews

White Background



This preview shows how the CIELCh color 60, 20.028, 30.949 looks on a white background.

Color Contrast Check

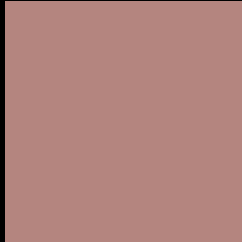
Large Text (above 18pt) WCAG AA ✓ Pass

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 60, 20.028, 30.949 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

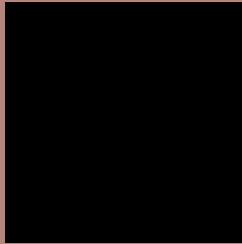
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 60, 20.028, 30.949

Background



This preview shows how black text looks on a background with the CIELCh color 60, 20.028, 30.949.



This preview shows how white text looks on a background with the CIELCh color 60, 20.028, 30.949.

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

60, 20.028, 30.949

Protanopia

60, 6.631, 88.111

Deuteranopia

60, 13.449, 55.778



Tritanopia
60, 21.255, 6.566

Trichromacy



Original Color
60, 20.028, 30.949

Protanomaly
60, 10.000, 50.371

Deuteranomaly
60, 15.436, 46.276

Tritanomaly
60, 20.128, 15.226

Monochromacy



Original Color
60, 20.028, 30.949

Achromatopsia
61, 0.008, 296.813

Achromatomaly
60, 6.878, 29.369

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 60, 20.028, 30.949 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(180, 133, 127)` looks like.

```
.text, #text, p{  
    color:rgb(180, 133, 127)  
}
```

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(180, 133, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 133, 127) }
```

Border

The CSS property to change the border of an element to CIELCh 60, 20.028, 30.949 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(180, 133, 127) }
```

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

```
.border{ border-color:rgb(180, 133, 127) }
```

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

Here you see how a box with a 4 pixel `rgb(180, 133, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 133, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 133, 127);  
box-shadow:4px 4px 4px 4px rgb(180, 133,  
127) }
```

Background

The CSS property to change the background color of an element to CIELCh 60, 20.028, 30.949 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 133, 127) }
```

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

```
.background{ background-color: rgb(180,  
133, 127) }
```

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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