

Converting Colors

CIELCh(60, 21.620, 27.864)

Have a look what the booklet for
CIELCh(60, 21.620, 27.864) contains.

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Color

CIELCh(60, 21.482, 27.517)

Conversions

Conversions Part 1

Format	Color
Hex	B78480
RGB	183, 132, 128
RGB Percent	72%, 52%, 50%
CMY	0.2824, 0.4824, 0.4981
CMYK	0.00, 0.28, 0.30, 0.28
HSL	4°, 28%, 61%
HSV	4°, 30%, 72%
XYZ	31.6707, 28.1233, 24.1772
YIQ	146.7930, 31.6800, 9.5680

Conversions

Conversions Part 2

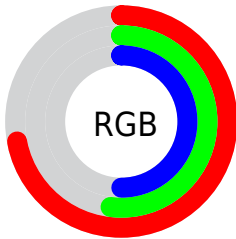
Format	Color
RYB	183, 132, 128
Decimal	12027008
CIELab	60.00, 19.05, 9.92
CIElCh	60, 21.482, 27.517
Yxy	28.1233, 0.3772, 0.3349
Android (android.graphics.Color)	4290217088 (0xFFB78480)
YUV	146.7930, -9.2649, 31.7535
Hunter-Lab	53.0314, 13.7961, 10.0916

Details

The CIELCh color **60, 21.482, 27.517** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **70, 17.407, 205.355**, and the grayscale version is **61, 0.008, 296.813**.

A 20% lighter version of the original color is **80, 21.557, 26.701**, and **40, 21.677, 27.248** is the 20% darker color. If you saturate the color by 10%, you get **56, 29.759, 28.508**, and if you desaturate by 10%, it is **65, 13.768, 26.790**.

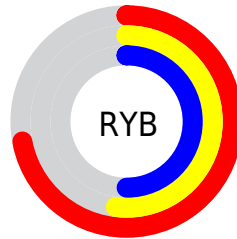
Distribution



Red (72%)

Green (52%)

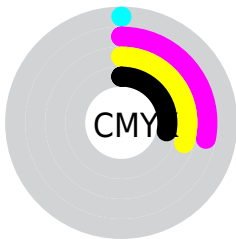
Blue (50%)



Red (72%)

Yellow (52%)

Blue (50%)

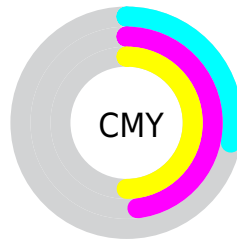


Cyan (0%)

Magenta (28%)

Yellow (30%)

Black (28%)



Cyan (28%)

Magenta (48%)

Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 60, 21.482, 27.517 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, 21.482, 27.517 by changing the saturation by 10% instead.

60, 21.482, 27.517

60, 21.482, 27.517

100, 21.482,
27.517

50, 21.482, 27.517

80, 21.482, 27.517

40, 21.482, 27.517

90, 21.482, 27.517

30, 21.482, 27.517

20, 21.482, 27.517

10, 21.482, 27.517

0, 21.482, 27.517

60, 21.482, 27.517

60, 21.482, 27.517

56, 29.759, 28.508

65, 13.768, 26.790

51, 38.549, 29.821

69, 6.628, 26.229

48, 47.724, 31.536

74, 0.037, 11.553

44, 57.062, 33.691

79, 6.054, 205.766

42, 66.179, 36.206

84, 11.688,
205.552

40, 74.297, 38.687

89, 16.920,
205.430

38, 80.472, 40.794

94, 21.800,
203.870

95, 23.137,
197.991

Harmonies

Complementary

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



60, 21.482, 27.517



70, 17.407, 205.355

Rectangle

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



60, 21.482, 27.517



60, 21.482, 77.517



60, 21.482, 207.517



60, 21.482, 257.517

Sweetspot

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



60, 21.480, 27.523



88, 7.297, 26.182



61, 35.046, 327.968



47, 5.142, 26.257



97, 0.011, 296.813



50, 0.007, 296.813

Same Dimension

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



60, 21.480, 27.523



73, 32.587, 28.134



67, 19.913, 78.400



36, 3.734, 26.191



32, 70.883, 40.653



3, 10.094, 24.083

Inverse Universe

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



70, 17.407, 205.355



87, 25.047, 205.331



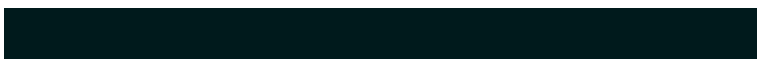
62, 18.962, 267.017



38, 3.518, 205.757



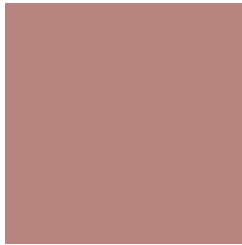
54, 31.640, 208.698



7, 9.429, 208.296

Previews

White Background



This preview shows how the CIELCh color 60, 21.482, 27.517 looks on a white background.

Color Contrast Check

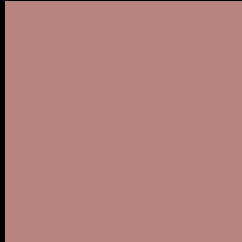
Large Text (above 18pt) WCAG AA ✓ Pass

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, 21.482, 27.517 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, 21.482, 27.517

Background



This preview shows how black text looks on a background with the CIELCh color 60, 21.482, 27.517.



This preview shows how white text looks on a background with the CIELCh color 60, 21.482, 27.517.

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, 21.482, 27.517

Protanopia

60, 6.107, 86.302

Deuteranopia

60, 12.746, 54.952



Tritanopia
60, 22.477, 7.578

Trichromacy



Original Color
60, 21.482, 27.517

Protanomaly
60, 10.076, 46.547

Deuteranomaly
60, 15.719, 41.495

Tritanomaly
60, 21.825, 14.472

Monochromacy



Original Color
60, 21.482, 27.517

Achromatopsia
61, 0.008, 296.813

Achromatomaly
61, 7.280, 28.886

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 60, 21.482, 27.517 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(183, 132, 128)` looks like.

```
.text, #text, p{  
    color:rgb(183, 132, 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(183, 132, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 132, 128) }
```

Border

The CSS property to change the border of an element to CIELCh 60, 21.482, 27.517 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(183, 132, 128) }
```

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

```
.border{ border-color:rgb(183, 132, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(183, 132, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 132, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 132, 128);  
box-shadow:4px 4px 4px 4px rgb(183, 132,  
128) }
```

Background

The CSS property to change the background color of an element to CIELCh 60, 21.482, 27.517 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 132, 128) }
```

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

```
.background{ background-color: rgb(183,  
132, 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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