

Converting Colors

CIELCh(60, 18.677, 31.172)

Have a look what the booklet for
CIELCh(60, 18.677, 31.172) contains.

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Color

CIELCh(60, 18.726, 31.480)

Conversions

Conversions Part 1

Format	Color
Hex	B28680
RGB	178, 134, 128
RGB Percent	70%, 53%, 50%
CMY	0.3015, 0.4740, 0.4976
CMYK	0.00, 0.25, 0.28, 0.30
HSL	7°, 25%, 60%
HSV	7°, 28%, 70%
XYZ	30.8334, 28.1233, 24.2648
YIQ	146.4720, 28.1500, 7.4620

Conversions

Conversions Part 2

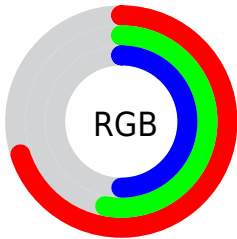
Format	Color
RYB	178, 135, 128
Decimal	11699840
CIELab	60.00, 15.97, 9.78
CIElCh	60, 18.726, 31.480
Yxy	28.1233, 0.3705, 0.3379
Android (android.graphics.Color)	4289889920 (0xFFB28680)
YUV	146.4720, -9.1067, 27.6501
Hunter-Lab	53.0314, 10.9780, 9.9935

Details

The CIELCh color **60, 18.726, 31.480** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **68, 15.398, 210.726**, and the grayscale version is **61, 0.008, 296.813**.

A 20% lighter version of the original color is **80, 18.967, 30.421**, and **40, 18.659, 31.156** is the 20% darker color. If you saturate the color by 10%, you get **56, 26.444, 32.144**, and if you desaturate by 10%, it is **64, 11.569, 31.031**.

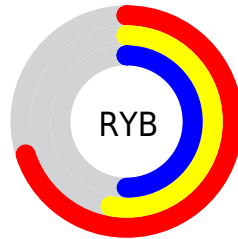
Distribution



Red (70%)

Green (53%)

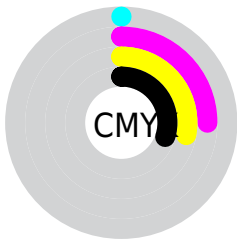
Blue (50%)



Red (70%)

Yellow (53%)

Blue (50%)

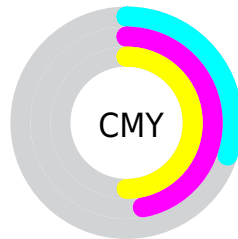


Cyan (0%)

Magenta (25%)

Yellow (28%)

Black (30%)



Cyan (30%)

Magenta (47%)

Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 60, 18.726, 31.480 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, 18.726, 31.480 by changing the saturation by 10% instead.

60, 18.726, 31.480

60, 18.726, 31.480

100, 18.726,
31.480

50, 18.726, 31.480

80, 18.726, 31.480

40, 18.726, 31.480

90, 18.726, 31.480

30, 18.726, 31.480

20, 18.726, 31.480

10, 18.726, 31.480

0, 18.726, 31.480

60, 18.726, 31.480

60, 18.726, 31.480

56, 26.444, 32.144

64, 11.569, 31.031

52, 34.709, 33.064

69, 4.960, 30.695

48, 43.443, 34.303

74, 1.137, 211.092

45, 52.489, 35.895

78, 6.769, 210.657

42, 61.541, 37.784

83, 11.985,
210.631

40, 69.960, 39.693

88, 16.834,
210.677

38, 76.680, 41.153

38, 77.937, 41.573

92, 21.360,
210.766

95, 24.516,
197.906

Harmonies

Complementary

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



60, 18.726, 31.480



68, 15.398, 210.726

Rectangle

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



60, 18.726, 31.480



60, 18.726, 81.480



60, 18.726, 211.480



60, 18.726, 261.480

Sweetspot

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



60, 18.725, 31.487



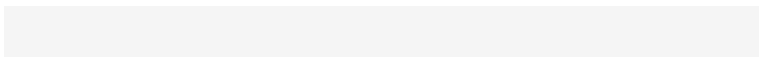
87, 6.095, 30.697



60, 30.972, 329.417



46, 4.393, 30.746



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, 18.725, 31.487



73, 28.871, 31.888



66, 18.812, 83.300



35, 3.503, 30.736



32, 69.159, 41.503



3, 8.382, 27.874

Inverse Universe

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



68, 15.398, 210.726



85, 22.530, 210.871



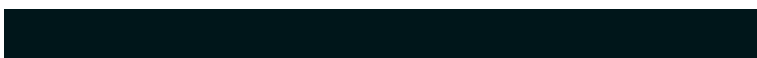
61, 18.355, 271.221



37, 3.301, 210.674



51, 30.116, 217.944



6, 7.849, 216.533

Previews

White Background



This preview shows how the CIELCh color 60, 18.726, 31.480 looks on a white background.

Color Contrast Check

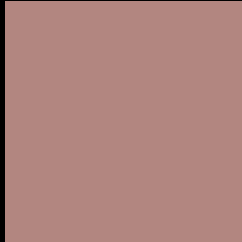
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



This preview shows how the CIELCh color 60, 18.726, 31.480 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, 18.726, 31.480

Background



This preview shows how black text looks on a background with the CIELCh color 60, 18.726, 31.480.



This preview shows how white text looks on a background with the CIELCh color 60, 18.726, 31.480.

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, 18.726, 31.480

Protanopia

60, 6.631, 88.111

Deuteranopia

60, 12.746, 54.952



Tritanopia
60, 20.043, 5.457

Trichromacy



Original Color
60, 18.726, 31.480

Protanomaly
60, 9.641, 51.601

Deuteranomaly
60, 14.767, 45.117

Tritanomaly
60, 18.854, 14.637

Monochromacy



Original Color
60, 18.726, 31.480

Achromatopsia
61, 0.008, 296.813

Achromatomaly
60, 6.477, 29.917

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 60, 18.726, 31.480 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(178, 134, 128)` looks like.

```
.text, #text, p{  
    color:rgb(178, 134, 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(178, 134, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 134, 128) }
```

Border

The CSS property to change the border of an element to CIELCh 60, 18.726, 31.480 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(178, 134, 128) }
```

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

```
.border{ border-color:rgb(178, 134, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(178, 134, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 134, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 134, 128);  
box-shadow:4px 4px 4px 4px rgb(178, 134,  
128) }
```

Background

The CSS property to change the background color of an element to CIELCh 60, 18.726, 31.480 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 134, 128) }
```

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

```
.background{ background-color: rgb(178,  
134, 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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