

Converting Colors

CIELCh(58, 64.632, 80.364)

Have a look what the booklet for
CIELCh(58, 64.632, 80.364) contains.

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Color

CIELCh(58, 64.479, 80.147)

Conversions

Conversions Part 1

Format	Color
Hex	B68200
RGB	182, 130, 0
RGB Percent	71%, 51%, 0%
CMY	0.2857, 0.4897, 0.9990
CMYK	0.00, 0.29, 1.00, 0.29
HSL	43°, 100%, 36%
HSV	43°, 100%, 71%
XYZ	27.3254, 25.9610, 3.5776
YIQ	130.7280, 72.7220, -29.4060

Conversions

Conversions Part 2

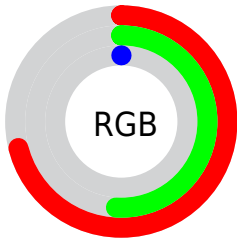
Format	Color
R_{YB}	73, 182, 0
Decimal	11960832
CIE _{Lab}	58.00, 11.03, 63.53
CIE _{LCh}	58, 64.479, 80.147
Yxy	25.9610, 0.4805, 0.4565
Android (android.graphics.Color)	4290150912 (0xFFB68200)
YUV	130.7280, -64.4489, 44.9655
Hunter-Lab	50.9519, 6.5634, 31.5033

Details

The CIELCh color **58, 64.479, 80.147** is a dark color, and the websafe version is hex **CC9933**. A complement of this color would be **29, 81.398, 298.957**, and the grayscale version is **55, 0.007, 296.813**.

A 20% lighter version of the original color is **78, 64.603, 80.147**, and **38, 48.387, 75.468** is the 20% darker color. If you saturate the color by 10%, you get **58, 64.513, 80.122**, and if you desaturate by 10%, it is **59, 61.874, 82.187**.

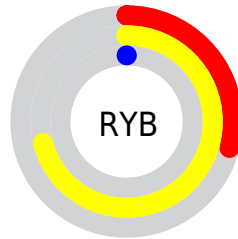
Distribution



Red (71%)

Green (51%)

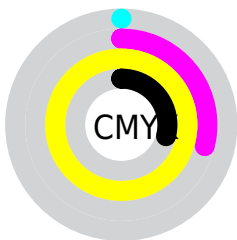
Blue (0%)



Red (29%)

Yellow (71%)

Blue (0%)

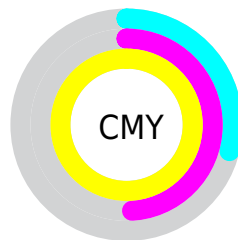


Cyan (0%)

Magenta (29%)

Yellow (100%)

Black (29%)



Cyan (29%)

Magenta (49%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 58, 64.479, 80.147 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, 64.479, 80.147 by changing the saturation by 10% instead.

 58, 64.479, 80.147

 58, 64.479, 80.147

 100, 64.479,
80.147

 48, 64.479, 80.147

 78, 64.479, 80.147

 38, 64.479, 80.147

 88, 64.479, 80.147

 28, 64.479, 80.147

 98, 64.479, 80.147

 18, 64.479, 80.147

 8, 64.479, 80.147

 0, 64.479, 80.147

 58, 64.479, 80.147

 58, 64.479, 80.147

 58, 64.513, 80.122

 59, 61.874, 82.187

 61, 57.512, 83.965

62, 51.563, 85.532

64, 44.676, 86.985

65, 37.316, 88.373

67, 29.765, 89.719

69, 22.182, 91.029

70, 14.651, 92.301

72, 7.215, 93.524

Harmonies

Complementary

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



58, 64.479, 80.147



29, 81.398, 298.957

Rectangle

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



58, 64.479, 80.147



58, 64.479, 130.147



58, 64.479, 260.147



58, 64.479, 310.147

Sweetspot

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



58, 64.478, 80.150



87, 27.624, 90.946



38, 68.033, 20.978



46, 19.046, 90.399



97, 0.011, 296.813



50, 0.007, 296.813

Same Dimension

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



58, 64.478, 80.150



74, 78.544, 79.673



69, 77.211, 114.686



38, 4.169, 93.586



50, 57.459, 80.444



7, 10.177, 85.590

Inverse Universe

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



29, 81.398, 298.957



38, 101.028, 299.550



23, 102.291, 307.259



36, 4.188, 275.930



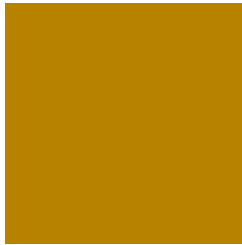
24, 71.652, 298.584



2, 12.279, 279.961

Previews

White Background



This preview shows how the CIELCh color 58, 64.479, 80.147 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, 64.479, 80.147 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, 64.479, 80.147

Background



This preview shows how black text looks on a background with the CIELCh color 58, 64.479, 80.147.



This preview shows how white text looks on a background with the CIELCh color 58, 64.479, 80.147.

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, 64.479, 80.147

Protanopia

58, 60.908, 95.024

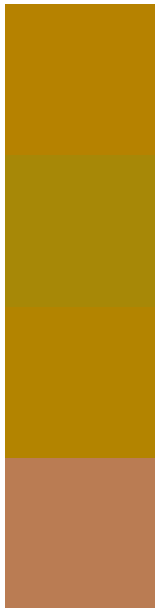
Deuteranopia

58, 63.791, 83.613



Tritanopia
58, 28.021, 12.409

Trichromacy



Original Color
58, 64.479, 80.147

Protanomaly
58, 61.565, 89.120

Deuteranomaly
58, 64.053, 82.318

Tritanomaly
58, 37.626, 58.427

Monochromacy



Original Color
58, 64.479, 80.147

Achromatopsia
55, 0.007, 296.813

Achromatomaly
55, 28.561, 89.349

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 58, 64.479, 80.147 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(182, 130, 0)` looks like.

```
.text, #text, p{  
    color:rgb(182, 130, 0)  
}
```

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(182, 130, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 130, 0) }
```

Border

The CSS property to change the border of an element to CIELCh 58, 64.479, 80.147 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(182, 130, 0) }
```

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

```
.border{ border-color:rgb(182, 130, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 130, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 130, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 130, 0);  
box-shadow:4px 4px 4px 4px rgb(182, 130,  
0) }
```

Background

The CSS property to change the background color of an element to CIELCh 58, 64.479, 80.147 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 130, 0) }
```

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

```
.background{ background-color: rgb(182,  
130, 0) }
```

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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