

Converting Colors

CIELCh(61, 56.700, 84.364)

Have a look what the booklet for
CIELCh(61, 56.700, 84.364) contains.

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Color

CIELCh(61, 56.762, 84.115)

Conversions

Conversions Part 1

Format	Color
Hex	B68D27
RGB	182, 141, 39
RGB Percent	71%, 55%, 15%
CMY	0.2852, 0.4461, 0.8460
CMYK	0.00, 0.23, 0.78, 0.29
HSL	43°, 65%, 43%
HSV	43°, 78%, 71%
XYZ	29.2877, 29.2481, 6.0447
YIQ	141.6310, 57.1780, -23.0300

Conversions

Conversions Part 2

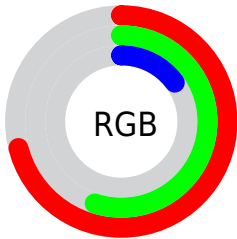
Format	Color
R_{YB}	96, 182, 39
Decimal	11963687
CIE _{Lab}	61.00, 5.82, 56.46
CIE _{LCh}	61, 56.762, 84.115
Yxy	29.2481, 0.4535, 0.4529
Android (android.graphics.Color)	4290153767 (0xFFB68D27)
YUV	141.6310, -50.5971, 35.4036
Hunter-Lab	54.0815, 2.0234, 31.2303

Details

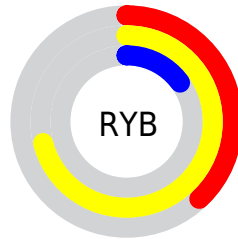
The CIELCh color **61, 56.762, 84.115** is a dark color, and the websafe version is hex **CC9933**. A complement of this color would be **37, 62.550, 291.859**, and the grayscale version is **59, 0.008, 296.813**.

A 20% lighter version of the original color is **81, 56.944, 83.774**, and **41, 49.248, 82.212** is the 20% darker color. If you saturate the color by 10%, you get **60, 61.397, 82.373**, and if you desaturate by 10%, it is **62, 50.639, 85.667**.

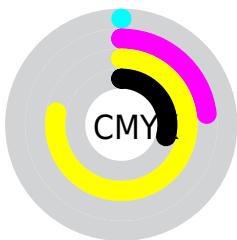
Distribution



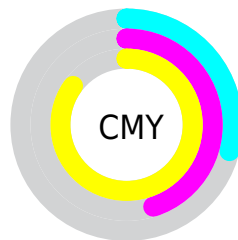
- Red (71%)
- Green (55%)
- Blue (15%)



- Red (38%)
- Yellow (71%)
- Blue (15%)



- Cyan (0%)
- Magenta (23%)
- Yellow (78%)
- Black (29%)



- Cyan (29%)
- Magenta (45%)
- Yellow (85%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 61, 56.762, 84.115 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 61, 56.762, 84.115 by changing the saturation by 10% instead.

 61, 56.762, 84.115

 61, 56.762, 84.115

 100, 56.762,
84.115

 51, 56.762, 84.115

 81, 56.762, 84.115

 41, 56.762, 84.115

 91, 56.762, 84.115

 31, 56.762, 84.115

 21, 56.762, 84.115

 11, 56.762, 84.115

 1, 56.762, 84.115

 0, 56.762, 84.115

 61, 56.762, 84.115

 61, 56.762, 84.115

 60, 61.397, 82.373

 62, 50.639, 85.667

58, 64.139, 80.344

64, 43.658, 87.110

58, 64.535, 80.034

66, 36.255, 88.493

67, 28.690, 89.835

69, 21.111, 91.141

71, 13.593, 92.407

73, 6.174, 93.622

74, 1.129, 275.016

76, 8.313, 276.007

Harmonies

Complementary

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



61, 56.762, 84.115



37, 62.550, 291.859

Rectangle

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



61, 56.762, 84.115



61, 56.762, 134.115



61, 56.762, 264.115



61, 56.762, 314.115

Sweetspot

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



61, 56.761, 84.118



88, 21.991, 91.659



41, 59.228, 10.735



47, 15.267, 91.204



97, 0.011, 296.813



50, 0.007, 296.813

Same Dimension

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



61, 56.761, 84.118



75, 77.253, 80.934



70, 69.609, 113.797



38, 4.165, 93.517



50, 57.447, 80.358



7, 10.166, 85.488

Inverse Universe

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



37, 62.550, 291.859



41, 94.591, 297.617



30, 86.988, 306.097



36, 4.184, 275.863



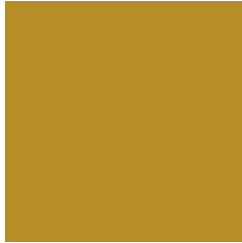
24, 71.555, 298.539



2, 12.269, 279.918

Previews

White Background



This preview shows how the CIELCh color 61, 56.762, 84.115 looks on a white background.

Color Contrast Check

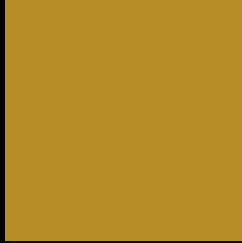
Large Text (above 18pt) WCAG AA ✓ Pass

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 61, 56.762, 84.115 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 61, 56.762, 84.115

Background



This preview shows how black text looks on a background with the CIELCh color 61, 56.762, 84.115.



This preview shows how white text looks on a background with the CIELCh color 61, 56.762, 84.115.

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

61, 56.762, 84.115

Protanopia

61, 55.561, 95.752

Deuteranopia

61, 56.812, 82.158



Tritanopia
61, 23.613, 8.441

Trichromacy



Original Color
61, 56.762, 84.115

Protanomaly
61, 55.907, 91.873

Deuteranomaly
61, 56.613, 82.587

Tritanomaly
61, 28.910, 56.041

Monochromacy



Original Color
61, 56.762, 84.115

Achromatopsia
59, 0.008, 296.813

Achromatomaly
59, 21.785, 90.467

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 61, 56.762, 84.115 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, 141, 39)` looks like.

```
.text, #text, p{  
    color:rgb(182, 141, 39)  
}
```

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, 141, 39) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 141, 39) }
```

Border

The CSS property to change the border of an element to CIELCh 61, 56.762, 84.115 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, 141, 39) }
```

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

```
.border{ border-color:rgb(182, 141, 39) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 141, 39)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 141, 39); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 141, 39);  
box-shadow:4px 4px 4px 4px rgb(182, 141,  
39) }
```

Background

The CSS property to change the background color of an element to CIELCh 61, 56.762, 84.115 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 141, 39) }
```

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

```
.background{ background-color: rgb(182,  
141, 39) }
```

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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