

Converting Colors

CIELCh(60, 65.662, 83.420)

Have a look what the booklet for
CIELCh(60, 65.662, 83.420) contains.

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Color

CIELCh(60, 65.320, 83.306)

Conversions

Conversions Part 1

Format	Color
Hex	B78901
RGB	183, 137, 1
RGB Percent	72%, 54%, 0%
CMY	0.2806, 0.4612, 0.9969
CMYK	0.00, 0.25, 1.00, 0.28
HSL	45°, 99%, 36%
HSV	45°, 100%, 72%
XYZ	28.6379, 28.1233, 3.9414
YIQ	135.2500, 71.0720, -32.5440

Conversions

Conversions Part 2

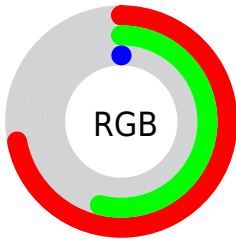
Format	Color
RYB	63, 183, 1
Decimal	12028161
CIELab	60.00, 7.61, 64.87
CIELCh	60, 65.320, 83.306
Yxy	28.1233, 0.4718, 0.4633
Android (android.graphics.Color)	4290218241 (0xFFB78901)
YUV	135.2500, -66.1852, 41.8768
Hunter-Lab	53.0314, 3.5882, 32.7154

Details

The CIELCh color **60, 65.320, 83.306** is a dark color, and the websafe version is hex **CC9900**. A complement of this color would be **28, 85.477, 300.389**, and the grayscale version is **57, 0.007, 296.813**.

A 20% lighter version of the original color is **80, 65.014, 83.385**, and **40, 48.974, 80.060** is the 20% darker color. If you saturate the color by 10%, you get **60, 65.420, 83.231**, and if you desaturate by 10%, it is **61, 62.894, 85.134**.

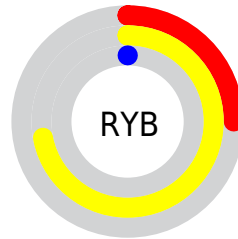
Distribution



Red (72%)

Green (54%)

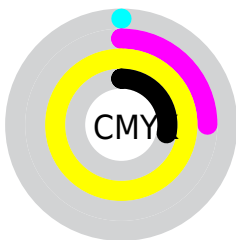
Blue (0%)



Red (25%)

Yellow (72%)

Blue (0%)

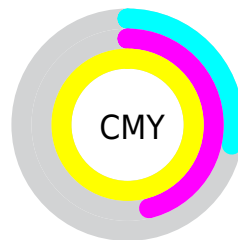


Cyan (0%)

Magenta (25%)

Yellow (100%)

Black (28%)



Cyan (28%)

Magenta (46%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 60, 65.320, 83.306 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, 65.320, 83.306 by changing the saturation by 10% instead.

60, 65.320, 83.306

60, 65.320, 83.306

100, 65.320,
83.306

50, 65.320, 83.306

80, 65.320, 83.306

40, 65.320, 83.306

90, 65.320, 83.306

30, 65.320, 83.306

20, 65.320, 83.306

10, 65.320, 83.306

0, 65.320, 83.306

60, 65.320, 83.306

60, 65.320, 83.306

60, 65.420, 83.231

61, 62.894, 85.134

63, 58.625, 86.755

■ 64, 52.707, 88.220

■ 65, 45.776, 89.602

■ 67, 38.303, 90.938

■ 68, 30.582, 92.241

■ 70, 22.783, 93.514

■ 71, 15.002, 94.754

■ 73, 7.287, 95.948

Harmonies

Complementary

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



60, 65.320, 83.306



28, 85.477, 300.389

Rectangle

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



60, 65.320, 83.306



60, 65.320, 133.306



60, 65.320, 263.306



60, 65.320, 313.306

Sweetspot

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



60, 65.319, 83.309



89, 28.740, 93.396



38, 69.461, 23.806



46, 19.625, 92.866



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, 65.319, 83.309



77, 79.845, 82.840



69, 78.197, 116.464



38, 4.317, 95.974



51, 57.975, 83.520



7, 10.599, 89.178

Inverse Universe

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



28, 85.477, 300.389



37, 106.615, 301.011



24, 102.224, 307.555



36, 4.349, 278.258



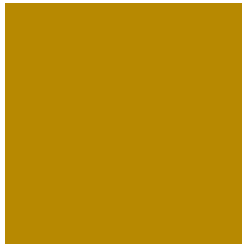
23, 75.067, 300.108



2, 12.621, 281.442

Previews

White Background



This preview shows how the CIELCh color 60, 65.320, 83.306 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, 65.320, 83.306 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, 65.320, 83.306

Background



This preview shows how black text looks on a background with the CIELCh color 60, 65.320, 83.306.



This preview shows how white text looks on a background with the CIELCh color 60, 65.320, 83.306.

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, 65.164, 83.278

Protanopia

60, 62.796, 94.851

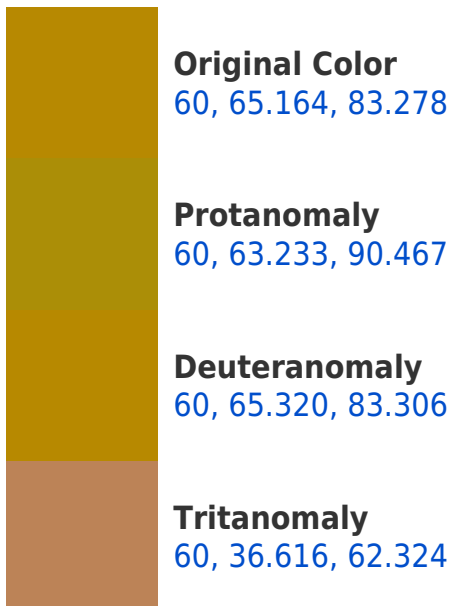
Deuteranopia

60, 65.320, 83.306



Tritanopia
60, 25.713, 11.117

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 60, 65.320, 83.306 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, 137, 1)` looks like.

```
.text, #text, p{  
    color:rgb(183, 137, 1)  
}
```

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, 137, 1) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 137, 1) }
```

Border

The CSS property to change the border of an element to CIELCh 60, 65.320, 83.306 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, 137, 1) }
```

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

```
.border{ border-color:rgb(183, 137, 1) }
```

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

Here you see how a box with a 4 pixel rgb(183, 137, 1) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 137, 1); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 137, 1);  
box-shadow:4px 4px 4px 4px rgb(183, 137,  
1) }
```

Background

The CSS property to change the background color of an element to CIELCh 60, 65.320, 83.306 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 137, 1) }
```

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

```
.background{ background-color: rgb(183,  
137, 1) }
```

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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