

Converting Colors

CIELCh(60, 62.378, 66.004)

Have a look what the booklet for
CIELCh(60, 62.378, 66.004) contains.

CIELCh(60, 62.503, 65.920)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(60, 62.503, 65.920)

Conversions

Conversions Part 1

Format	Color
Hex	CF7D26
RGB	207, 125, 38
RGB Percent	81%, 49%, 15%
CMY	0.1877, 0.5093, 0.8505
CMYK	0.00, 0.40, 0.82, 0.19
HSL	31°, 69%, 48%
HSV	31°, 82%, 81%
XYZ	33.4717, 28.1233, 5.5087
YIQ	139.6000, 76.7990, -9.6730

Conversions

Conversions Part 2

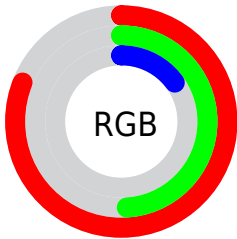
Format	Color
R_{YB}	197, 207, 38
Decimal	13597990
CIE _{Lab}	60.00, 25.50, 57.06
CIE _{LCh}	60, 62.503, 65.920
Yxy	28.1233, 0.4988, 0.4191
Android (android.graphics.Color)	4291788070 (0xFFCF7D26)
YUV	139.6000, -50.0888, 59.1098
Hunter-Lab	53.0314, 19.8583, 30.9632

Details

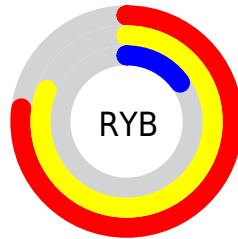
The CIELCh color **60, 62.503, 65.920** is a dark color, and the websafe version is hex **CC6600**. The color can be described as dark muted orange. A complement of this color would be **50, 52.220, 277.767**, and the grayscale version is **58, 0.007, 296.813**.

A 20% lighter version of the original color is **78, 58.136, 70.047**, and **40, 56.121, 62.173** is the 20% darker color. If you saturate the color by 10%, you get **58, 68.712, 63.753**, and if you desaturate by 10%, it is **62, 54.873, 67.604**.

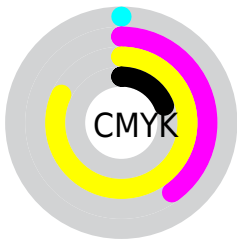
Distribution



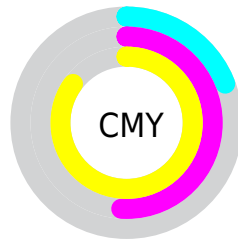
- Red (81%)
- Green (49%)
- Blue (15%)



- Red (77%)
- Yellow (81%)
- Blue (15%)



- Cyan (0%)
- Magenta (40%)
- Yellow (82%)
- Black (19%)



- Cyan (19%)
- Magenta (51%)
- Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 60, 62.503, 65.920 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, 62.503, 65.920 by changing the saturation by 10% instead.

60, 62.503, 65.920

60, 62.503, 65.920

100, 62.503,
65.920

50, 62.503, 65.920

80, 62.503, 65.920

40, 62.503, 65.920

90, 62.503, 65.920

30, 62.503, 65.920

20, 62.503, 65.920

10, 62.503, 65.920

0, 62.503, 65.920

60, 62.503, 65.920

60, 62.503, 65.920

58, 68.712, 63.753

62, 54.873, 67.604

56, 72.559, 61.505

65, 46.679, 69.055

68, 38.417, 70.408

71, 30.334, 71.720

74, 22.536, 73.012

77, 15.061, 74.284

80, 7.907, 75.523

83, 1.057, 76.459

86, 5.516, 258.074

Harmonies

Complementary

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



60, 62.503, 65.920



50, 52.220, 277.767

Rectangle

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



60, 62.503, 65.920



60, 62.503, 115.920



60, 62.503, 245.920



60, 62.503, 295.920

Sweetspot

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



60, 62.502, 65.923



91, 19.937, 73.944



47, 68.693, 355.693



47, 13.808, 73.485



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



60, 62.502, 65.923



68, 84.138, 61.592



81, 77.245, 103.321



42, 3.881, 75.784



46, 62.006, 62.099



9, 15.713, 60.456

Inverse Universe

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



50, 52.220, 277.767



54, 74.304, 285.556



30, 101.503, 304.155



42, 3.805, 258.288



36, 54.102, 285.151



6, 16.526, 273.370

Previews

White Background



This preview shows how the CIELCh color 60, 62.503, 65.920 looks on a white background.

Color Contrast Check

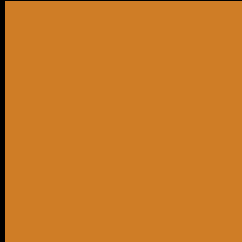
Large Text (above 18pt) WCAG AA ✓ Pass

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, 62.503, 65.920 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, 62.503, 65.920

Background



This preview shows how black text looks on a background with the CIELCh color 60, 62.503, 65.920.



This preview shows how white text looks on a background with the CIELCh color 60, 62.503, 65.920.

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, 62.503, 65.920

Protanopia

60, 53.708, 95.075

Deuteranopia

60, 58.471, 82.426



Tritanopia
60, 39.830, 17.902

Trichromacy



Original Color
60, 62.503, 65.920

Protanomaly
60, 54.933, 83.511

Deuteranomaly
60, 59.284, 75.802

Tritanomaly
60, 44.258, 42.769

Monochromacy



Original Color
60, 62.503, 65.920

Achromatopsia
58, 0.007, 296.813

Achromatomaly
58, 22.289, 73.364

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 60, 62.503, 65.920 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(207, 125, 38)` looks like.

```
.text, #text, p{  
    color:rgb(207, 125, 38)  
}
```

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(207, 125, 38) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 125, 38) }
```

Border

The CSS property to change the border of an element to CIELCh 60, 62.503, 65.920 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(207, 125, 38) }
```

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

```
.border{ border-color:rgb(207, 125, 38) }
```

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

Here you see how a box with a 4 pixel rgb(207, 125, 38) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 125, 38); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 125, 38);  
box-shadow:4px 4px 4px 4px rgb(207, 125,  
38) }
```

Background

The CSS property to change the background color of an element to CIELCh 60, 62.503, 65.920 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 125, 38) }
```

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

```
.background{ background-color: rgb(207,  
125, 38) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor