

Converting Colors

CIELCh(62, 53.831, 77.179)

Have a look what the booklet for
CIELCh(62, 53.831, 77.179) contains.

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Color

CIELCh(62, 53.609, 77.211)

Conversions

Conversions Part 1

Format	Color
Hex	C18C35
RGB	193, 140, 53
RGB Percent	76%, 55%, 21%
CMY	0.2426, 0.4505, 0.7917
CMYK	0.00, 0.27, 0.72, 0.24
HSL	37°, 57%, 48%
HSV	37°, 72%, 76%
XYZ	32.0658, 30.4025, 7.5604
YIQ	145.9290, 59.5150, -15.8210

Conversions

Conversions Part 2

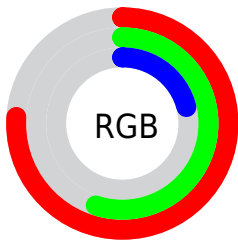
Format	Color
RYB	138, 193, 53
Decimal	12684341
CIELab	62.00, 11.87, 52.28
CIElCh	62, 53.609, 77.211
Yxy	30.4025, 0.4579, 0.4341
Android (android.graphics.Color)	4290874421 (0xFFC18C35)
YUV	145.9290, -45.8140, 41.2813
Hunter-Lab	55.1385, 7.3145, 30.4673

Details

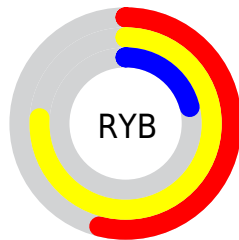
The CIELCh color **62, 53.609, 77.211** is a dark color, and the websafe version is hex **CC9933**. The color can be described as dark muted orange. A complement of this color would be **46, 52.210, 283.644**, and the grayscale version is **61, 0.008, 296.813**.

A 20% lighter version of the original color is **82, 53.334, 76.872**, and **42, 51.484, 76.440** is the 20% darker color. If you saturate the color by 10%, you get **60, 59.943, 75.402**, and if you desaturate by 10%, it is **64, 46.372, 78.812**.

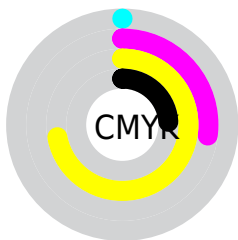
Distribution



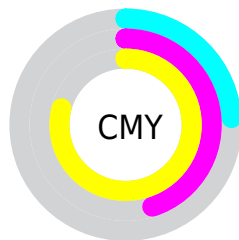
- Red (76%)
- Green (55%)
- Blue (21%)



- Red (54%)
- Yellow (76%)
- Blue (21%)



- Cyan (0%)
- Magenta (27%)
- Yellow (72%)
- Black (24%)



- Cyan (24%)
- Magenta (45%)
- Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 62, 53.609, 77.211 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 62, 53.609, 77.211 by changing the saturation by 10% instead.

■ 62, 53.609, 77.211

■ 62, 53.609, 77.211

■ 100, 53.609,
77.211

■ 52, 53.609, 77.211

■ 82, 53.609, 77.211

■ 42, 53.609, 77.211

■ 92, 53.609, 77.211

■ 32, 53.609, 77.211

■ 22, 53.609, 77.211

■ 12, 53.609, 77.211

■ 2, 53.609, 77.211

■ 0, 53.609, 77.211

■ 62, 53.609, 77.211

■ 62, 53.609, 77.211

■ 60, 59.943, 75.402

■ 64, 46.372, 78.812

58, 64.602, 73.187

66, 38.763, 80.298

57, 67.019, 71.274

68, 31.081, 81.721

71, 23.483, 83.100

73, 16.042, 84.439

75, 8.788, 85.731

78, 1.725, 86.871

80, 5.152, 268.295

82, 11.856,
269.435

Harmonies

Complementary

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



62, 53.609, 77.211



46, 52.210, 283.644

Rectangle

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



62, 53.609, 77.211



62, 53.609, 127.211



62, 53.609, 257.211



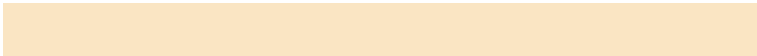
62, 53.609, 307.211

Sweetspot

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



62, 53.608, 77.214



92, 19.336, 84.459



46, 58.909, 1.992



48, 13.038, 84.098



99, 0.012, 296.813



52, 0.007, 296.813

Same Dimension

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



62, 53.608, 77.214



75, 76.386, 74.168



75, 68.338, 109.752



40, 3.980, 86.121



48, 58.447, 71.754



8, 12.063, 72.953

Inverse Universe

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



46, 52.210, 283.644



51, 78.356, 289.585



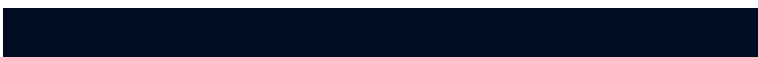
33, 85.116, 303.999



38, 3.959, 268.609



29, 63.509, 293.435



3, 14.486, 277.621

Previews

White Background



This preview shows how the CIELCh color 62, 53.609, 77.211 looks on a white background.

Color Contrast Check

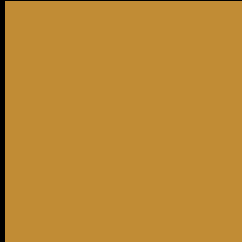
Large Text (above 18pt) WCAG AA × Fail

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 62, 53.609, 77.211 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 ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 62, 53.609, 77.211

Background



This preview shows how black text looks on a background with the CIELCh color 62, 53.609, 77.211.



This preview shows how white text looks on a background with the CIELCh color 62, 53.609, 77.211.

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

62, 53.609, 77.211

Protanopia

62, 50.427, 95.130

Deuteranopia

62, 53.333, 81.407



Tritanopia
62, 28.072, 11.225

Trichromacy



Original Color
62, 53.609, 77.211

Protanomaly
62, 50.742, 88.186

Deuteranomaly
62, 53.598, 79.899

Tritanomaly
62, 31.463, 47.618

Monochromacy



Original Color
62, 53.609, 77.211

Achromatopsia
61, 0.008, 296.813

Achromatomaly
61, 19.745, 83.849

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 62, 53.609, 77.211 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(193, 140, 53)` looks like.

```
.text, #text, p{  
    color:rgb(193, 140, 53)  
}
```

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(193, 140, 53) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 140, 53) }
```

Border

The CSS property to change the border of an element to CIELCh 62, 53.609, 77.211 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(193, 140, 53) }
```

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

```
.border{ border-color:rgb(193, 140, 53) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 140, 53)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 140, 53); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 140, 53);  
box-shadow:4px 4px 4px 4px rgb(193, 140,  
53) }
```

Background

The CSS property to change the background color of an element to CIELCh 62, 53.609, 77.211 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 140, 53) }
```

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

```
.background{ background-color: rgb(193,  
140, 53) }
```

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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