

Converting Colors

CIELCh(62, 54.013, 77.361)

Have a look what the booklet for
CIELCh(62, 54.013, 77.361) contains.

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Color

CIELCh(62, 54.013, 77.361)

Conversions

Conversions Part 1

Format	Color
Hex	C18C34
RGB	193, 140, 52
RGB Percent	76%, 55%, 20%
CMY	0.2425, 0.4504, 0.7955
CMYK	0.00, 0.27, 0.73, 0.24
HSL	37°, 57%, 48%
HSV	37°, 73%, 76%
XYZ	32.0524, 30.4025, 7.4437
YIQ	145.8150, 59.8360, -16.1320

Conversions

Conversions Part 2

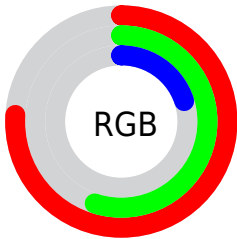
Format	Color
RYB	137, 193, 52
Decimal	12684340
CIELab	62.00, 11.82, 52.70
CIElCh	62, 54.013, 77.361
Yxy	30.4025, 0.4586, 0.4350
Android (android.graphics.Color)	4290874420 (0xFFC18C34)
YUV	145.8150, -46.2508, 41.3812
Hunter-Lab	55.1385, 7.2711, 30.5928

Details

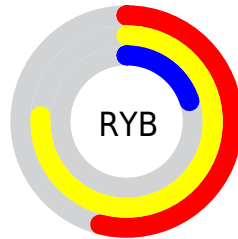
The CIELCh color **62, 54.013, 77.361** is a dark color, and the websafe version is hex **CC9933**. The color can be described as dark muted orange. A complement of this color would be **45, 52.829, 284.033**, and the grayscale version is **61, 0.008, 296.813**.

A 20% lighter version of the original color is **82, 53.772, 77.059**, and **42, 51.484, 76.440** is the 20% darker color. If you saturate the color by 10%, you get **60, 60.264, 75.539**, and if you desaturate by 10%, it is **64, 46.816, 78.969**.

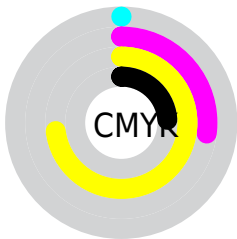
Distribution



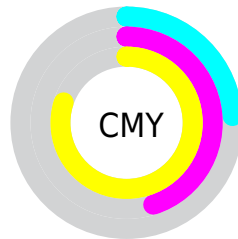
- Red (76%)
- Green (55%)
- Blue (20%)



- Red (54%)
- Yellow (76%)
- Blue (20%)



- Cyan (0%)
- Magenta (27%)
- Yellow (73%)
- Black (24%)



- Cyan (24%)
- Magenta (45%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 62, 54.013, 77.361 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, 54.013, 77.361 by changing the saturation by 10% instead.

■ 62, 54.013, 77.361

■ 62, 54.013, 77.361

■ 100, 54.013,
77.361

■ 52, 54.013, 77.361

■ 82, 54.013, 77.361

■ 42, 54.013, 77.361

■ 92, 54.013, 77.361

■ 32, 54.013, 77.361

■ 22, 54.013, 77.361

■ 12, 54.013, 77.361

■ 2, 54.013, 77.361

■ 0, 54.013, 77.361

■ 62, 54.013, 77.361

■ 62, 54.013, 77.361

■ 60, 60.264, 75.539

■ 64, 46.816, 78.969

58, 64.791, 73.303

66, 39.219, 80.459

57, 67.009, 71.524

68, 31.532, 81.885

70, 23.919, 83.266

73, 16.457, 84.607

75, 9.177, 85.901

77, 2.087, 87.068

80, 4.818, 268.470

82, 11.552,
269.608

Harmonies

Complementary

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



62, 54.013, 77.361



45, 52.829, 284.033

Rectangle

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



62, 54.013, 77.361



62, 54.013, 127.361



62, 54.013, 257.361



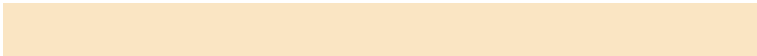
62, 54.013, 307.361

Sweetspot

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



62, 54.012, 77.364



92, 19.380, 84.694



45, 59.207, 2.149



48, 13.067, 84.333



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, 54.012, 77.364



75, 76.945, 74.179



75, 68.682, 109.737



40, 3.990, 86.355



48, 58.436, 72.002



8, 12.085, 73.292

Inverse Universe

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



45, 52.829, 284.033



51, 79.696, 290.168



33, 85.723, 304.077



38, 3.970, 268.841



29, 63.802, 293.610



3, 14.522, 277.764

Previews

White Background



This preview shows how the CIELCh color 62, 54.013, 77.361 looks on a white background.

Color Contrast Check

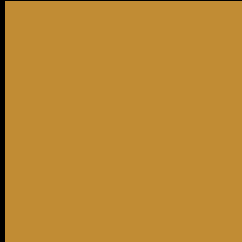
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 62, 54.013, 77.361 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, 54.013, 77.361

Background



This preview shows how black text looks on a background with the CIELCh color 62, 54.013, 77.361.



This preview shows how white text looks on a background with the CIELCh color 62, 54.013, 77.361.

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, 54.013, 77.361

Protanopia

62, 50.859, 95.155

Deuteranopia

62, 53.737, 81.526



Tritanopia
62, 28.072, 11.225

Trichromacy



Original Color
62, 54.013, 77.361

Protanomaly
62, 51.168, 88.265

Deuteranomaly
62, 54.001, 80.028

Tritanomaly
62, 31.463, 47.618

Monochromacy



Original Color
62, 54.013, 77.361

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, 54.013, 77.361 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, 52)` looks like.

```
.text, #text, p{  
    color:rgb(193, 140, 52)  
}
```

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, 52) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 140, 52) }
```

Border

The CSS property to change the border of an element to CIELCh 62, 54.013, 77.361 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, 52) }
```

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

```
.border{ border-color:rgb(193, 140, 52) }
```

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, 52)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 140, 52); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 140, 52);  
box-shadow:4px 4px 4px 4px rgb(193, 140,  
52) }
```

Background

The CSS property to change the background color of an element to CIELCh 62, 54.013, 77.361 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, 52) }
```

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

```
.background{ background-color: rgb(193,  
140, 52) }
```

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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