

Converting Colors

CIELCh(61, 54.987, 78.140)

Have a look what the booklet for
CIELCh(61, 54.987, 78.140) contains.

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Color

CIELCh(61, 55.010, 78.077)

Conversions

Conversions Part 1

Format	Color
Hex	BE8A2F
RGB	190, 138, 47
RGB Percent	75%, 54%, 18%
CMY	0.2557, 0.4595, 0.8164
CMYK	0.00, 0.27, 0.75, 0.26
HSL	38°, 60%, 46%
HSV	38°, 75%, 74%
XYZ	30.7541, 29.2481, 6.6940
YIQ	143.1740, 60.2030, -17.2770

Conversions

Conversions Part 2

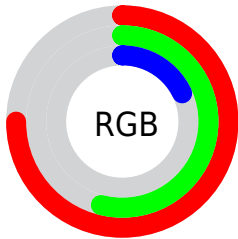
Format	Color
R_{YB}	129, 190, 47
Decimal	12487215
CIE _{Lab}	61.00, 11.36, 53.82
CIE _{LCh}	61, 55.010, 78.077
Yxy	29.2481, 0.4611, 0.4385
Android (android.graphics.Color)	4290677295 (0xFFBE8A2F)
YUV	143.1740, -47.4138, 41.0664
Hunter-Lab	54.0815, 6.8635, 30.5184

Details

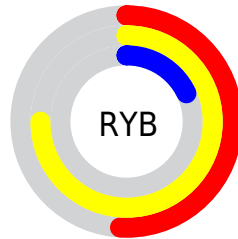
The CIELCh color **61, 55.010, 78.077** is a dark color, and the websafe version is hex **CC9933**. A complement of this color would be **43, 54.926, 285.776**, and the grayscale version is **60, 0.008, 296.813**.

A 20% lighter version of the original color is **81, 54.947, 77.910**, and **41, 50.656, 76.506** is the 20% darker color. If you saturate the color by 10%, you get **59, 60.775, 76.202**, and if you desaturate by 10%, it is **63, 48.120, 79.714**.

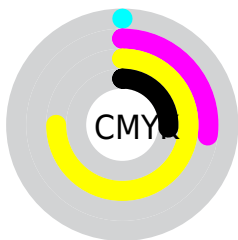
Distribution



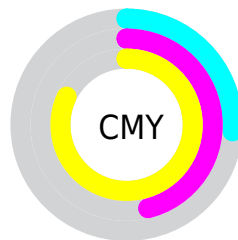
- Red (75%)
- Green (54%)
- Blue (18%)



- Red (51%)
- Yellow (75%)
- Blue (18%)



- Cyan (0%)
- Magenta (27%)
- Yellow (75%)
- Black (26%)



- Cyan (26%)
- Magenta (46%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 61, 55.010, 78.077 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, 55.010, 78.077 by changing the saturation by 10% instead.

■ 61, 55.010, 78.077

■ 61, 55.010, 78.077

■ 100, 55.010,
78.077

■ 51, 55.010, 78.077

■ 81, 55.010, 78.077

■ 41, 55.010, 78.077

■ 91, 55.010, 78.077

■ 31, 55.010, 78.077

■ 21, 55.010, 78.077

■ 11, 55.010, 78.077

■ 1, 55.010, 78.077

■ 0, 55.010, 78.077

■ 61, 55.010, 78.077

■ 61, 55.010, 78.077

■ 59, 60.775, 76.202

■ 63, 48.120, 79.714

57, 64.646, 73.884

65, 40.703, 81.219

57, 66.084, 72.739

67, 33.115, 82.653

69, 25.550, 84.040

71, 18.105, 85.386

73, 10.820, 86.689

76, 3.711, 87.914

78, 3.223, 269.284

80, 9.992, 270.407

Harmonies

Complementary

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



61, 55.010, 78.077



43, 54.926, 285.776

Rectangle

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



61, 55.010, 78.077



61, 55.010, 128.077



61, 55.010, 258.077



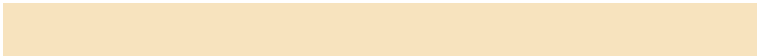
61, 55.010, 308.077

Sweetspot

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



61, 55.009, 78.080



91, 20.333, 85.645



44, 59.520, 4.200



48, 14.252, 85.160



99, 0.012, 296.813



52, 0.007, 296.813

Same Dimension

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



61, 55.009, 78.080



74, 77.381, 74.848



73, 69.321, 110.517



39, 3.949, 87.438



48, 57.718, 73.204



7, 10.763, 75.693

Inverse Universe

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



43, 54.926, 285.776



48, 82.719, 291.786



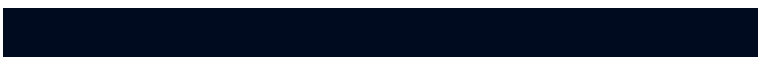
32, 87.036, 304.669



37, 3.935, 269.903



28, 64.320, 294.358



3, 13.130, 277.342

Previews

White Background



This preview shows how the CIELCh color 61, 55.010, 78.077 looks on a white background.

Color Contrast Check

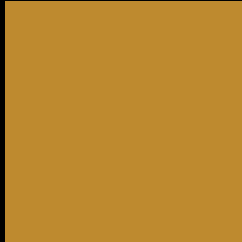
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 61, 55.010, 78.077 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, 55.010, 78.077

Background



This preview shows how black text looks on a background with the CIELCh color 61, 55.010, 78.077.



This preview shows how white text looks on a background with the CIELCh color 61, 55.010, 78.077.

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, 55.010, 78.077

Protanopia

61, 52.460, 95.655

Deuteranopia

61, 54.580, 81.569



Tritanopia
61, 27.741, 11.054

Trichromacy



Original Color
61, 55.010, 78.077

Protanomaly
61, 52.700, 88.928

Deuteranomaly
61, 54.849, 80.087

Tritanomaly
61, 31.839, 49.513

Monochromacy



Original Color
61, 55.010, 78.077

Achromatopsia
59, 0.008, 296.813

Achromatomaly
60, 20.343, 84.316

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 61, 55.010, 78.077 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(190, 138, 47)` looks like.

```
.text, #text, p{  
    color:rgb(190, 138, 47)  
}
```

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(190, 138, 47) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 138, 47) }
```

Border

The CSS property to change the border of an element to CIELCh 61, 55.010, 78.077 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(190, 138, 47) }
```

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

```
.border{ border-color:rgb(190, 138, 47) }
```

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

Here you see how a box with a 4 pixel rgb(190, 138, 47) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 138, 47); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 138, 47);  
box-shadow:4px 4px 4px 4px rgb(190, 138,  
47) }
```

Background

The CSS property to change the background color of an element to CIELCh 61, 55.010, 78.077 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 138, 47) }
```

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

```
.background{ background-color: rgb(190,  
138, 47) }
```

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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