

Converting Colors

CIELCh(61, 53.712, 124.021)

Have a look what the booklet for
CIELCh(61, 53.712, 124.021)
contains.

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Color

CIELCh(61, 53.788, 124.179)

Conversions

Conversions Part 1

Format	Color
Hex	76A040
RGB	118, 160, 64
RGB Percent	46%, 63%, 25%
CMY	0.5383, 0.3736, 0.7500
CMYK	0.26, 0.00, 0.60, 0.37
HSL	86°, 43%, 44%
HSV	86°, 60%, 63%
XYZ	20.8769, 29.2481, 9.3577
YIQ	136.4980, 5.7840, -38.7600

Conversions

Conversions Part 2

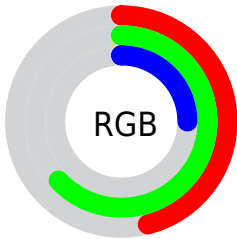
Format	Color
RYB	64, 160, 106
Decimal	7774272
CIELab	61.00, -30.22, 44.50
CIElCh	61, 53.788, 124.179
Yxy	29.2481, 0.3510, 0.4917
Android (android.graphics.Color)	4285964352 (0xFF76A040)
YUV	136.4980, -35.7415, -16.2227
Hunter-Lab	54.0815, -25.7370, 27.5982

Details

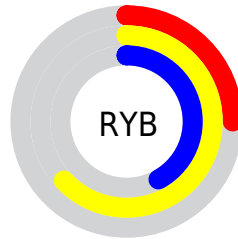
The CIELCh color $61, 53.788, 124.179$ is a dark color, and the websafe version is hex 669933 . A complement of this color would be $36, 59.698, 310.230$, and the grayscale version is $57, 0.007, 296.813$.

A 20% lighter version of the original color is $81, 53.865, 123.948$, and $41, 53.720, 123.989$ is the 20% darker color. If you saturate the color by 10%, you get $60, 61.167, 124.037$, and if you desaturate by 10%, it is $62, 45.596, 124.510$.

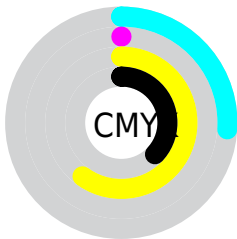
Distribution



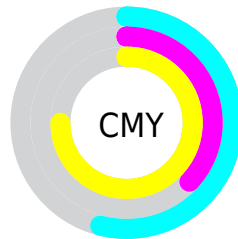
- Red (46%)
- Green (63%)
- Blue (25%)



- Red (25%)
- Yellow (63%)
- Blue (42%)



- Cyan (26%)
- Magenta (0%)
- Yellow (60%)
- Black (37%)



- Cyan (54%)
- Magenta (37%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 61, 53.788, 124.179 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, 53.788, 124.179 by changing the saturation by 10% instead.

■ 61, 53.788,
124.179

■ 61, 53.788,
124.179

■ 100, 53.788,
124.179

■ 51, 53.788,
124.179

■ 81, 53.788,
124.179

■ 41, 53.788,
124.179

■ 91, 53.788,
124.179

■ 31, 53.788,
124.179

■ 21, 53.788,
124.179

■ 11, 53.788,
124.179

■ 1, 53.788, 124.179

■ 0, 53.788, 124.179

■ 61, 53.788,
124.179

■ 61, 53.788,
124.179

■ 60, 61.167,
124.037

■ 62, 45.596,
124.510

■ 60, 67.358,
124.188

■ 62, 36.880,
124.943

■ 60, 71.989,
124.752

■ 63, 27.847,
125.424

■ 59, 75.217,
125.645

■ 64, 18.642,
125.918

■ 65, 9.362, 126.405

■ 66, 0.076, 127.932

■ 67, 9.166, 307.276

■ 68, 18.329,
307.677

■ 69, 27.389,
308.041

Harmonies

Complementary

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



61, 53.788, 124.179



36, 59.698, 310.230

Rectangle

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



61, 53.788, 124.179



61, 53.788, 174.179



61, 53.788, 304.179



61, 53.788, 354.179

Sweetspot

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



61, 53.789, 124.180



81, 20.594, 126.004



49, 36.402, 61.511



43, 14.420, 125.868



92, 0.011, 296.813



44, 0.006, 296.813

Same Dimension

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



61, 53.789, 124.180



76, 76.646, 124.048



59, 61.889, 138.153



33, 5.201, 126.446



53, 69.199, 125.487



4, 6.857, 127.892

Inverse Universe

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



36, 59.698, 310.230



41, 87.330, 310.841



43, 61.753, 325.334



31, 5.279, 307.284



20, 81.919, 310.801



1, 6.789, 306.045

Previews

White Background



This preview shows how the CIELCh color 61, 53.788, 124.179 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 61, 53.788, 124.179 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, 53.788, 124.179

Background



This preview shows how black text looks on a background with the CIELCh color 61, 53.788, 124.179.



This preview shows how white text looks on a background with the CIELCh color 61, 53.788, 124.179.

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](#).

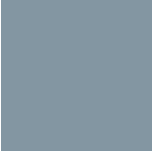
Dichromacy



Original Color
61, 53.788, 124.179

Protanopia
61, 47.192, 95.887

Deuteranopia
61, 43.346, 79.845



Tritanopia
61, 9.484, 244.591

Trichromacy



Original Color
61, 53.788, 124.179

Protanomaly
61, 48.313, 107.416

Deuteranomaly
60, 43.069, 98.602

Tritanomaly
61, 19.268, 143.330

Monochromacy



Original Color
61, 53.788, 124.179

Achromatopsia
57, 0.007, 296.813

Achromatomaly
58, 20.773, 126.446

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 61, 53.788, 124.179 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(118, 160, 64)` looks like.

```
.text, #text, p{  
    color:rgb(118, 160, 64)  
}
```

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(118, 160, 64) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(118, 160, 64) }
```

Border

The CSS property to change the border of an element to CIELCh 61, 53.788, 124.179 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(118, 160, 64) }
```

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

```
.border{ border-color:rgb(118, 160, 64) }
```

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

Here you see how a box with a 4 pixel rgb(118, 160, 64) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(118, 160, 64); -webkit-box-  
shadow:4px 4px 4px 4px rgb(118, 160, 64);  
box-shadow:4px 4px 4px 4px rgb(118, 160,  
64) }
```

Background

The CSS property to change the background color of an element to CIELCh 61, 53.788, 124.179 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(118, 160, 64) }
```

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

```
.background{ background-color: rgb(118,  
160, 64) }
```

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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