

Converting Colors

CIELCh(61, 35.584, 116.712)

Have a look what the booklet for
CIELCh(61, 35.584, 116.712)
contains.

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Color

CIELCh(61, 35.584, 116.712)

Conversions

Conversions Part 1

Format	Color
Hex	8B9A5A
RGB	139, 154, 90
RGB Percent	55%, 60%, 35%
CMY	0.4557, 0.3969, 0.6478
CMYK	0.10, 0.00, 0.42, 0.40
HSL	74°, 26%, 48%
HSV	74°, 42%, 60%
XYZ	23.9708, 29.2481, 14.0112
YIQ	142.2190, 11.6040, -23.0840

Conversions

Conversions Part 2

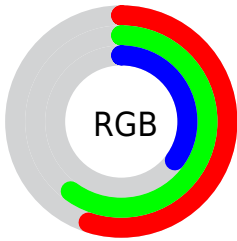
Format	Color
R_{YB}	90, 154, 105
Decimal	9149018
CIE _{Lab}	61.00, -16.00, 31.79
CIE _{LCh}	61, 35.584, 116.712
Yxy	29.2481, 0.3565, 0.4350
Android (android.graphics.Color)	4287339098 (0xFF8B9A5A)
YUV	142.2190, -25.7440, -2.8231
Hunter-Lab	54.0815, -15.5253, 22.4965

Details

The CIELCh color $61, 35.584, 116.712$ is a dark color, and the websafe version is hex 999966 . A complement of this color would be $42, 39.053, 302.699$, and the grayscale version is $59, 0.008, 296.813$.

A 20% lighter version of the original color is $81, 35.448, 116.798$, and $41, 35.701, 116.420$ is the 20% darker color. If you saturate the color by 10%, you get $61, 43.553, 116.165$, and if you desaturate by 10%, it is $62, 27.264, 117.324$.

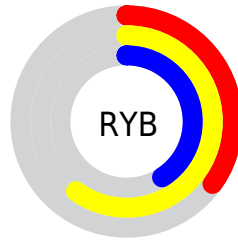
Distribution



Red (55%)

Green (60%)

Blue (35%)



Red (35%)

Yellow (60%)

Blue (41%)

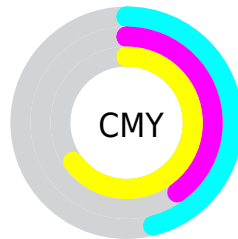


Cyan (10%)

Magenta (0%)

Yellow (42%)

Black (40%)



Cyan (46%)


Magenta (40%)


Yellow (65%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 61, 35.584, 116.712 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, 35.584, 116.712 by changing the saturation by 10% instead.


 61, 35.584,
116.712


 61, 35.584,
116.712


 100, 35.584,
116.712


 51, 35.584,
116.712


 81, 35.584,
116.712

 41, 35.584,
116.712

 91, 35.584,
116.712

 31, 35.584,
116.712

 21, 35.584,
116.712

 11, 35.584,
116.712

 1, 35.584, 116.712

 0, 35.584, 116.712

■ 61, 35.584,
116.712

■ 61, 35.584,
116.712

■ 61, 43.553,
116.165

■ 62, 27.264,
117.324

■ 60, 50.957,
115.727

■ 62, 18.732,
117.959

■ 60, 57.499,
115.472

■ 63, 10.086,
118.597

■ 59, 62.807,
115.487

■ 63, 1.391, 119.233

■ 59, 66.528,
115.865

■ 64, 7.309, 299.816

■ 59, 68.714,
116.388

■ 65, 15.981,
300.389

■ 66, 24.602,
300.928

■ 67, 33.154,
301.433

■ 68, 41.625,
301.903

Harmonies

Complementary

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



61, 35.584, 116.712



42, 39.053, 302.699

Rectangle

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



61, 35.584, 116.712



61, 35.584, 166.712



61, 35.584, 296.712



61, 35.584, 346.712

Sweetspot

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



61, 35.585, 116.714



79, 12.858, 118.557



49, 24.125, 42.638



41, 8.505, 118.484



90, 0.011, 296.813



42, 0.006, 296.813

Same Dimension

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



61, 35.585, 116.714



77, 52.089, 116.198



59, 40.283, 134.681



32, 4.891, 118.748



54, 64.209, 116.290



3, 5.315, 119.806

Inverse Universe

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



42, 39.053, 302.699



49, 58.717, 303.693



45, 41.329, 318.511



30, 4.986, 299.915



17, 83.882, 307.749



0, 5.306, 299.165

Previews

White Background



This preview shows how the CIELCh color 61, 35.584, 116.712 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, 35.584, 116.712 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

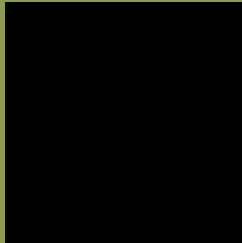
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 61, 35.584, 116.712

Background



This preview shows how black text looks on a background with the CIELCh color 61, 35.584, 116.712.



This preview shows how white text looks on a background with the CIELCh color 61, 35.584, 116.712.

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, 35.584, 116.712

Protanopia

61, 33.707, 95.750

Deuteranopia

61, 31.389, 75.377



Tritanopia
61, 6.218, 294.342

Trichromacy



Original Color
61, 35.584, 116.712

Protanomaly
61, 33.584, 103.349

Deuteranomaly
61, 30.552, 91.676

Tritanomaly
61, 9.196, 121.691

Monochromacy



Original Color
61, 35.584, 116.712

Achromatopsia
59, 0.008, 296.813

Achromatomaly
60, 13.083, 117.653

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 61, 35.584, 116.712 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(139, 154, 90)` looks like.

```
.text, #text, p{  
    color:rgb(139, 154, 90)  
}
```

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(139, 154, 90) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 154, 90) }
```

Border

The CSS property to change the border of an element to CIELCh 61, 35.584, 116.712 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(139, 154, 90) }
```

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

```
.border{ border-color:rgb(139, 154, 90) }
```

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

Here you see how a box with a 4 pixel `rgb(139, 154, 90)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(139, 154, 90); -webkit-box-  
shadow:4px 4px 4px 4px rgb(139, 154, 90);  
box-shadow:4px 4px 4px 4px rgb(139, 154,  
90) }
```

Background

The CSS property to change the background color of an element to CIELCh 61, 35.584, 116.712 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 154, 90) }
```

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

```
.background{ background-color: rgb(139,  
154, 90) }
```

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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