

Converting Colors

CIELCh(61, 57.617, 135.124)

Have a look what the booklet for
CIELCh(61, 57.617, 135.124)
contains.

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Color

CIELCh(61, 57.672, 135.141)

Conversions

Conversions Part 1

Format	Color
Hex	5BA447
RGB	91, 164, 71
RGB Percent	36%, 64%, 28%
CMY	0.6430, 0.3567, 0.7214
CMYK	0.45, 0.00, 0.57, 0.36
HSL	107°, 40%, 46%
HSV	107°, 57%, 64%
XYZ	18.7404, 29.2481, 10.6255
YIQ	131.5710, -13.6550, -44.3990

Conversions

Conversions Part 2

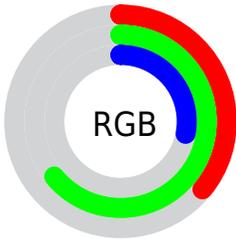
Format	Color
RYB	71, 164, 144
Decimal	6005831
CIELab	61.00, -40.88, 40.68
CIElCh	61, 57.672, 135.141
Yxy	29.2481, 0.3197, 0.4990
Android (android.graphics.Color)	4284195911 (0xFF5BA447)
YUV	131.5710, -29.8615, -35.5808
Hunter-Lab	54.0815, -32.7886, 26.2083

Details

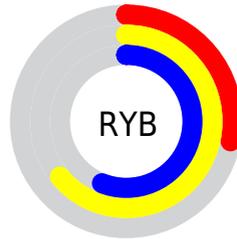
The CIELCh color $61, 57.672, 135.141$ is a dark color, and the websafe version is hex 669933 . A complement of this color would be $43, 58.981, 320.629$, and the grayscale version is $55, 0.007, 296.813$.

A 20% lighter version of the original color is $81, 57.910, 135.052$, and $41, 57.464, 135.241$ is the 20% darker color. If you saturate the color by 10%, you get $60, 66.313, 134.572$, and if you desaturate by 10%, it is $62, 48.182, 135.782$.

Distribution



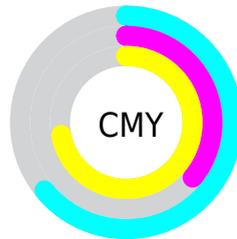
- Red (36%)
- Green (64%)
- Blue (28%)



- Red (28%)
- Yellow (64%)
- Blue (56%)



- Cyan (45%)
- Magenta (0%)
- Yellow (57%)
- Black (36%)



- Cyan (64%)
- Magenta (36%)
- Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 61, 57.672, 135.141 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, 57.672, 135.141 by changing the saturation by 10% instead.

 61, 57.672,
135.141

 61, 57.672,
135.141

 100, 57.672,
135.141

 51, 57.672,
135.141

 81, 57.672,
135.141

 41, 57.672,
135.141

 91, 57.672,
135.141

 31, 57.672,
135.141

 21, 57.672,
135.141

 11, 57.672,
135.141

 1, 57.672, 135.141

 0, 57.672, 135.141

■ 61, 57.672,
135.141

■ 61, 57.672,
135.141

■ 60, 66.313,
134.572

■ 62, 48.182,
135.782

■ 60, 73.704,
134.173

■ 63, 38.156,
136.424

■ 59, 79.412,
134.069

■ 64, 27.831,
137.031

■ 59, 83.192,
134.320

■ 65, 17.381,
137.586

■ 59, 84.235,
134.377

■ 66, 6.936, 138.091

■ 68, 3.414, 318.443

■ 69, 13.602,
318.853

■ 71, 23.584,
319.179

■ 73, 33.333,
319.456

Harmonies

Complementary

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



61, 57.672, 135.141



43, 58.981, 320.629

Rectangle

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



61, 57.672, 135.141



61, 57.672, 185.141



61, 57.672, 315.141



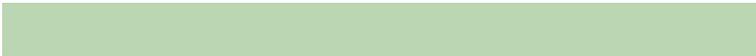
61, 57.672, 5.141

Sweetspot

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



61, 57.673, 135.142



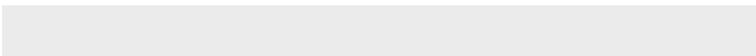
83, 21.996, 137.553



60, 40.968, 92.590



43, 14.694, 137.453



93, 0.011, 296.813



45, 0.006, 296.813

Same Dimension

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



61, 57.673, 135.142



77, 83.370, 134.447



61, 50.209, 148.162



34, 5.846, 137.964



53, 76.977, 134.272



4, 9.133, 138.968

Inverse Universe

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



43, 58.981, 320.629



51, 85.177, 320.866



45, 50.253, 337.949



32, 5.880, 318.737



28, 77.597, 320.319



1, 8.952, 316.826

Previews

White Background



This preview shows how the CIE LCh color 61, 57.672, 135.141 looks on a white background.

Color Contrast Check

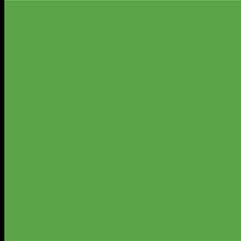
Large Text (above 18pt) WCAG AA ✓ Pass

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, 57.672, 135.141 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

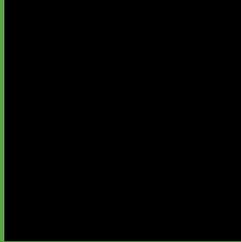
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 61, 57.672, 135.141

Background



This preview shows how black text looks on a background with the CIELCh color 61, 57.672, 135.141.

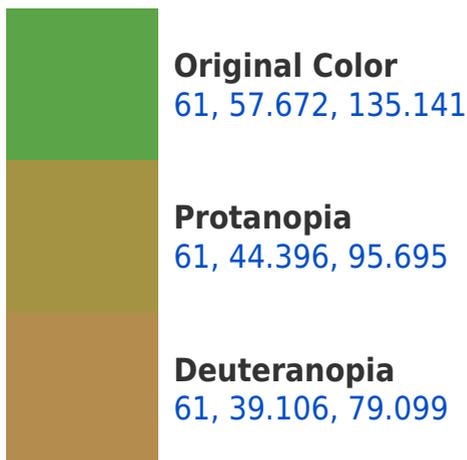


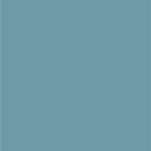
This preview shows how white text looks on a background with the CIELCh color 61, 57.672, 135.141.

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





Tritanopia
61, 16.473, 222.592

Trichromacy



Original Color
61, 57.672, 135.141



Protanomaly
60, 46.045, 113.910



Deuteranomaly
60, 40.214, 106.851



Tritanomaly
61, 25.937, 161.273

Monochromacy



Original Color
61, 57.672, 135.141



Achromatopsia
55, 0.007, 296.813



Achromatomaly
57, 22.193, 137.488

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 61, 57.672, 135.141 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(91, 164, 71)` looks like.

```
.text, #text, p{  
    color:rgb(91, 164, 71)  
}
```

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(91, 164, 71) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(91, 164, 71) }
```

Border

The CSS property to change the border of an element to CIELCh 61, 57.672, 135.141 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(91, 164, 71) }
```

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

```
.border{ border-color:rgb(91, 164, 71) }
```

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

Here you see how a box with a 4 pixel `rgb(91, 164, 71)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(91, 164, 71); -webkit-box-  
shadow:4px 4px 4px 4px rgb(91, 164, 71);  
box-shadow:4px 4px 4px 4px rgb(91, 164,  
71) }
```

Background

The CSS property to change the background color of an element to CIELCh 61, 57.672, 135.141 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(91, 164, 71) }
```

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

```
.background{ background-color: rgb(91, 164,  
71) }
```

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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