

Converting Colors

CIELCh(61, 45.757, 141.295)

Have a look what the booklet for
CIELCh(61, 45.757, 141.295)
contains.

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Color

CIELCh(61, 45.340, 141.347)

Conversions

Conversions Part 1

Format	Color
Hex	5FA25F
RGB	95, 162, 95
RGB Percent	37%, 64%, 37%
CMY	0.6261, 0.3633, 0.6262
CMYK	0.41, 0.00, 0.41, 0.36
HSL	120°, 27%, 51%
HSV	120°, 41%, 64%
XYZ	19.8177, 29.2481, 15.5046
YIQ	134.3290, -18.4250, -35.0410

Conversions

Conversions Part 2

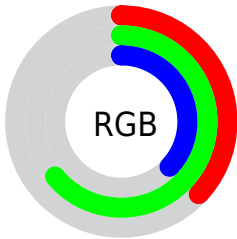
Format	Color
R_{YB}	95, 162, 162
Decimal	6267487
CIE _{Lab}	61.00, -35.41, 28.32
CIE _{LCh}	61, 45.340, 141.347
Yxy	29.2481, 0.3069, 0.4530
Android (android.graphics.Color)	4284457567 (0xFF5FA25F)
YUV	134.3290, -19.3892, -34.4915
Hunter-Lab	54.0815, -29.2331, 20.8593

Details

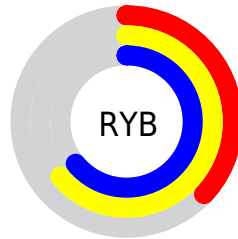
The CIELCh color **61, 45.340, 141.347** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **50, 45.244, 326.591**, and the grayscale version is **56, 0.007, 296.813**.

A 20% lighter version of the original color is **81, 45.176, 141.113**, and **41, 45.607, 141.243** is the 20% darker color. If you saturate the color by 10%, you get **60, 55.517, 140.310**, and if you desaturate by 10%, it is **62, 34.601, 142.277**.

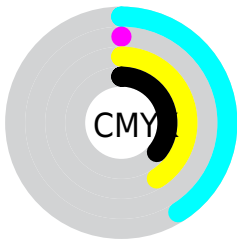
Distribution



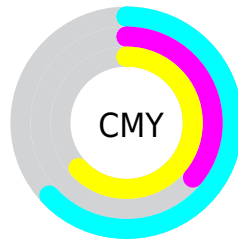
- Red (37%)
- Green (64%)
- Blue (37%)



- Red (37%)
- Yellow (64%)
- Blue (64%)



- Cyan (41%)
- Magenta (0%)
- Yellow (41%)
- Black (36%)





- Cyan (63%)
- Magenta (36%)
- Yellow (63%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 61, 45.340, 141.347 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, 45.340, 141.347 by changing the saturation by 10% instead.


 61, 45.340,
141.347


 61, 45.340,
141.347


 100, 45.340,
141.347


 51, 45.340,
141.347


 81, 45.340,
141.347

 41, 45.340,
141.347

 91, 45.340,
141.347

 31, 45.340,
141.347

 21, 45.340,
141.347

 11, 45.340,
141.347

 1, 45.340, 141.347

 0, 45.340, 141.347

■ 61, 45.340,
141.347

■ 61, 45.340,
141.347

■ 60, 55.517,
140.310

■ 62, 34.601,
142.277

■ 59, 64.795,
139.202

■ 63, 23.566,
143.089

■ 59, 72.779,
138.101

■ 65, 12.448,
143.792

■ 58, 79.036,
137.126

■ 67, 1.402, 144.522

■ 58, 83.194,
136.419

■ 68, 9.459, 324.842

■ 58, 85.447,
136.015

■ 70, 20.060,
325.279

■ 72, 30.355,
325.643

■ 74, 40.320,
325.951

■ 77, 49.945,
326.213

Harmonies

Complementary

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



61, 45.340, 141.347



50, 45.244, 326.591

Rectangle

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



61, 45.340, 141.347



61, 45.340, 191.347



61, 45.340, 321.347



61, 45.340, 11.347

Sweetspot

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



61, 45.341, 141.347



82, 16.433, 143.730



65, 35.708, 105.555



44, 10.994, 143.648



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, 45.341, 141.347



77, 67.207, 140.347



62, 31.544, 158.782



34, 6.257, 143.922



52, 78.790, 136.014



4, 9.702, 144.436

Inverse Universe

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



50, 45.244, 326.591



61, 66.847, 327.031



49, 32.944, 346.724



32, 6.267, 324.910



34, 76.022, 328.222



2, 9.703, 324.429

Previews

White Background



This preview shows how the CIELCh color 61, 45.340, 141.347 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, 45.340, 141.347 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, 45.340, 141.347

Background



This preview shows how black text looks on a background with the CIELCh color 61, 45.340, 141.347.

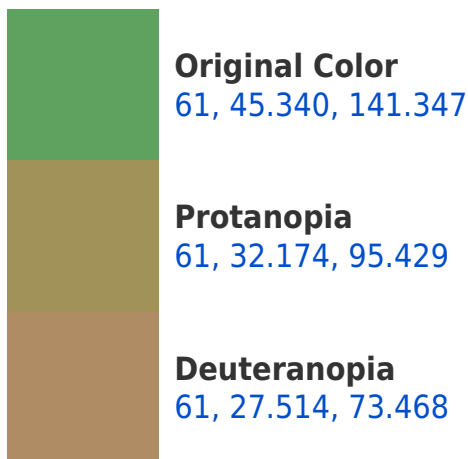


This preview shows how white text looks on a background with the CIELCh color 61, 45.340, 141.347.

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, 45.340, 141.347

Protanomaly
60, 34.198, 117.977

Deuteranomaly
60, 27.725, 108.782

Tritanomaly
61, 21.720, 171.227

Monochromacy



Original Color
61, 45.340, 141.347

Achromatopsia
56, 0.007, 296.813

Achromatomaly
58, 16.688, 143.452

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 61, 45.340, 141.347 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(95, 162, 95)` looks like.

```
.text, #text, p{  
    color:rgb(95, 162, 95)  
}
```

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(95, 162, 95) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(95, 162, 95) }
```

Border

The CSS property to change the border of an element to CIELCh 61, 45.340, 141.347 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(95, 162, 95) }
```

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

```
.border{ border-color:rgb(95, 162, 95) }
```

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

Here you see how a box with a 4 pixel `rgb(95, 162, 95)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(95, 162, 95); -webkit-box-  
shadow:4px 4px 4px 4px rgb(95, 162, 95);  
box-shadow:4px 4px 4px 4px rgb(95, 162,  
95) }
```

Background

The CSS property to change the background color of an element to CIELCh 61, 45.340, 141.347 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(95, 162, 95) }
```

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

```
.background{ background-color: rgb(95, 162,  
95) }
```

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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