

Converting Colors

CIELCh(61, 44.707, 138.882)

Have a look what the booklet for
CIELCh(61, 44.707, 138.882)
contains.

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Color

CIELCh(61, 45.022, 138.594)

Conversions

Conversions Part 1

Format	Color
Hex	65A25D
RGB	101, 162, 93
RGB Percent	40%, 64%, 36%
CMY	0.6053, 0.3661, 0.6366
CMYK	0.38, 0.00, 0.43, 0.37
HSL	113°, 27%, 50%
HSV	113°, 43%, 63%
XYZ	20.1483, 29.2481, 14.8644
YIQ	135.8950, -14.2070, -34.3910

Conversions

Conversions Part 2

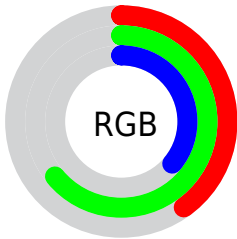
Format	Color
R_{YB}	93, 162, 154
Decimal	6660701
CIE _{Lab}	61.00, -33.77, 29.78
CIE _{LCh}	61, 45.022, 138.594
Yxy	29.2481, 0.3135, 0.4551
Android (android.graphics.Color)	4284850781 (0xFF65A25D)
YUV	135.8950, -21.1472, -30.6029
Hunter-Lab	54.0815, -28.1420, 21.5611

Details

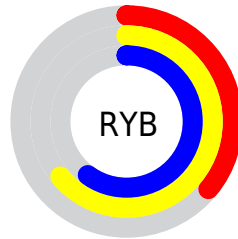
The CIELCh color $61, 45.022, 138.594$ is a dark color, and the websafe version is hex 669966 . A complement of this color would be $49, 45.383, 323.212$, and the grayscale version is $57, 0.007, 296.813$.

A 20% lighter version of the original color is $81, 44.866, 138.324$, and $41, 45.219, 138.543$ is the 20% darker color. If you saturate the color by 10%, you get $60, 54.870, 137.783$, and if you desaturate by 10%, it is $62, 34.685, 139.353$.

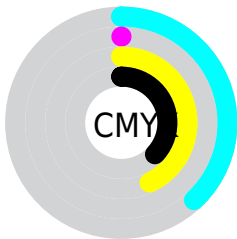
Distribution



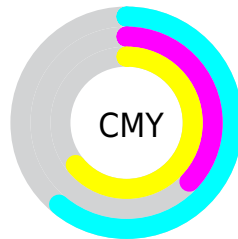
- Red (40%)
- Green (64%)
- Blue (36%)



- Red (36%)
- Yellow (64%)
- Blue (60%)



- Cyan (38%)
- Magenta (0%)
- Yellow (43%)
- Black (37%)





- Cyan (61%)
- Magenta (37%)
- Yellow (64%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 61, 45.022, 138.594 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, 45.022, 138.594 by changing the saturation by 10% instead.


 61, 45.022,
138.594


 61, 45.022,
138.594


 100, 45.022,
138.594


 51, 45.022,
138.594


 81, 45.022,
138.594

 41, 45.022,
138.594

 91, 45.022,
138.594

 31, 45.022,
138.594

 21, 45.022,
138.594

 11, 45.022,
138.594

 1, 45.022, 138.594

 0, 45.022, 138.594

■ 61, 45.022,
138.594

■ 61, 45.022,
138.594

■ 60, 54.870,
137.783

■ 62, 34.685,
139.353

■ 59, 63.922,
136.967

■ 63, 24.092,
140.036

■ 59, 71.797,
136.231

■ 65, 13.421,
140.641

■ 58, 78.059,
135.693

■ 66, 2.803, 141.215

■ 68, 7.667, 321.564

■ 58, 82.326,
135.474

■ 69, 17.925,
321.959

■ 58, 84.442,
135.383

■ 71, 27.929,
322.286

■ 73, 37.655,
322.563

■ 75, 47.092,
322.798

Harmonies

Complementary

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



61, 45.022, 138.594



49, 45.383, 323.212

Rectangle

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



61, 45.022, 138.594



61, 45.022, 188.594



61, 45.022, 318.594



61, 45.022, 8.594

Sweetspot

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



61, 45.023, 138.595



81, 16.989, 140.608



63, 33.551, 100.437



43, 11.875, 140.487



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, 45.023, 138.595



76, 65.597, 137.843



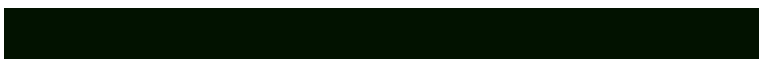
61, 35.189, 153.951



34, 6.028, 140.831



52, 78.049, 135.323



4, 9.386, 141.580

Inverse Universe

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



49, 45.383, 323.212



58, 66.067, 323.559



48, 36.002, 341.440



32, 6.050, 321.684



31, 76.636, 323.847



1, 9.262, 320.326

Previews

White Background



This preview shows how the CIELCh color 61, 45.022, 138.594 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, 45.022, 138.594 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

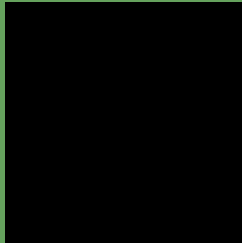
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 61, 45.022, 138.594

Background



This preview shows how black text looks on a background with the CIELCh color 61, 45.022, 138.594.

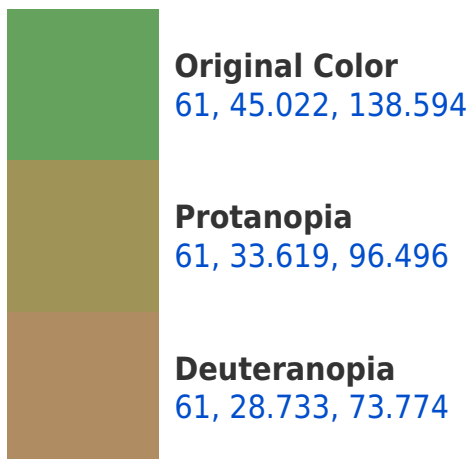



This preview shows how white text looks on a background with the CIELCh color 61, 45.022, 138.594.

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, 14.829, 225.652

Trichromacy



Original Color
61, 45.022, 138.594

Protanomaly
60, 35.055, 116.202

Deuteranomaly
60, 28.787, 106.017

Tritanomaly
61, 19.993, 168.934

Monochromacy



Original Color
61, 45.022, 138.594

Achromatopsia
57, 0.007, 296.813

Achromatomaly
58, 16.723, 140.265

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 61, 45.022, 138.594 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(101, 162, 93)` looks like.

```
.text, #text, p{  
    color:rgb(101, 162, 93)  
}
```

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(101, 162, 93) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(101, 162, 93) }
```

Border

The CSS property to change the border of an element to CIELCh 61, 45.022, 138.594 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(101, 162, 93) }
```

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

```
.border{ border-color:rgb(101, 162, 93) }
```

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

Here you see how a box with a 4 pixel `rgb(101, 162, 93)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(101, 162, 93); -webkit-box-  
shadow:4px 4px 4px 4px rgb(101, 162, 93);  
box-shadow:4px 4px 4px 4px rgb(101, 162,  
93) }
```

Background

The CSS property to change the background color of an element to CIELCh 61, 45.022, 138.594 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(101, 162, 93) }
```

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

```
.background{ background-color: rgb(101,  
162, 93) }
```

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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