

Converting Colors

CIELCh(58, 38.694, 137.786)

Have a look what the booklet for
CIELCh(58, 38.694, 137.786)
contains.

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Color

CIELCh(58, 39.096, 137.562)

Conversions

Conversions Part 1

Format	Color
Hex	66985C
RGB	102, 152, 92
RGB Percent	40%, 60%, 36%
CMY	0.6009, 0.4048, 0.6401
CMYK	0.33, 0.00, 0.40, 0.40
HSL	110°, 25%, 48%
HSV	110°, 40%, 60%
XYZ	18.5664, 25.9610, 14.1081
YIQ	130.2100, -10.5400, -29.2600

Conversions

Conversions Part 2

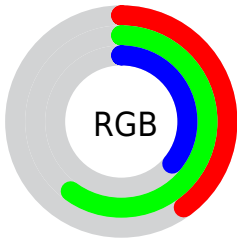
Format	Color
R_{YB}	92, 152, 142
Decimal	6723676
CIE _{Lab}	58.00, -28.85, 26.38
CIE _{LCh}	58, 39.096, 137.562
Yxy	25.9610, 0.3166, 0.4428
Android (android.graphics.Color)	4284913756 (0xFF66985C)
YUV	130.2100, -18.8375, -24.7402
Hunter-Lab	50.9519, -24.1222, 19.2495

Details

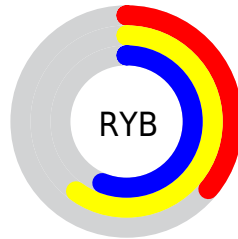
The CIELCh color $58, 39.096, 137.562$ is a dark color, and the websafe version is hex 669966 . A complement of this color would be $46, 39.610, 321.529$, and the grayscale version is $54, 0.007, 296.813$.

A 20% lighter version of the original color is $78, 39.264, 137.520$, and $38, 39.160, 137.554$ is the 20% darker color. If you saturate the color by 10%, you get $57, 48.520, 136.851$, and if you desaturate by 10%, it is $59, 29.321, 138.230$.

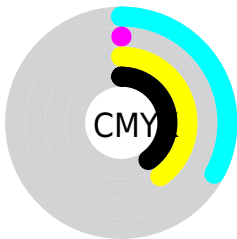
Distribution



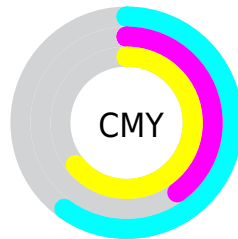
- Red (40%)
- Green (60%)
- Blue (36%)



- Red (36%)
- Yellow (60%)
- Blue (56%)



- Cyan (33%)
- Magenta (0%)
- Yellow (40%)
- Black (40%)





- Cyan (60%)
- Magenta (40%)
- Yellow (64%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 58, 39.096, 137.562 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 58, 39.096, 137.562 by changing the saturation by 10% instead.


 58, 39.096,
137.562


 58, 39.096,
137.562


 100, 39.096,
137.562


 48, 39.096,
137.562


 78, 39.096,
137.562

 38, 39.096,
137.562

 88, 39.096,
137.562

 28, 39.096,
137.562

 98, 39.096,
137.562

 18, 39.096,
137.562

 8, 39.096, 137.562

 0, 39.096, 137.562

■ 58, 39.096,
137.562

■ 58, 39.096,
137.562

■ 57, 48.520,
136.851

■ 59, 29.321,
138.230

■ 56, 57.343,
136.137

■ 60, 19.381,
138.836

■ 56, 65.242,
135.492

■ 61, 9.414, 139.378

■ 55, 71.826,
135.023

■ 63, 0.476, 319.452

■ 55, 76.698,
134.852

■ 64, 10.218,
320.207

■ 55, 79.946,
134.894

■ 66, 19.763,
320.560

■ 55, 80.088,
134.888

■ 68, 29.078,
320.856

■ 69, 38.145,
321.109

■ 71, 46.957,
321.323

Harmonies

Complementary

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



58, 39.096, 137.562



46, 39.610, 321.529

Rectangle

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



58, 39.096, 137.562



58, 39.096, 187.562



58, 39.096, 317.562



58, 39.096, 7.562

Sweetspot

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



58, 39.097, 137.563



77, 14.656, 139.237



59, 28.255, 97.930



41, 9.804, 139.175



90, 0.011, 296.813



42, 0.006, 296.813

Same Dimension

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



58, 39.097, 137.563



73, 56.917, 136.967



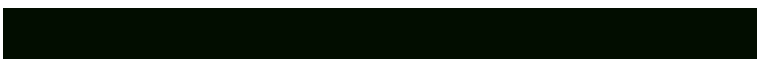
58, 32.323, 152.257



32, 5.623, 139.394



51, 75.544, 134.827



3, 6.066, 139.886

Inverse Universe

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



46, 39.610, 321.529



56, 57.729, 321.848



47, 32.816, 338.682



30, 5.650, 320.192



29, 75.096, 322.029



1, 6.038, 319.408

Previews

White Background



This preview shows how the CIELCh color 58, 39.096, 137.562 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 58, 39.096, 137.562 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

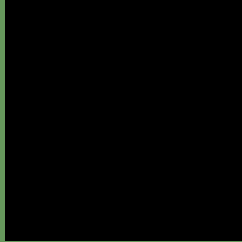
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 58, 39.096, 137.562

Background



This preview shows how black text looks on a background with the CIELCh color 58, 39.096, 137.562.

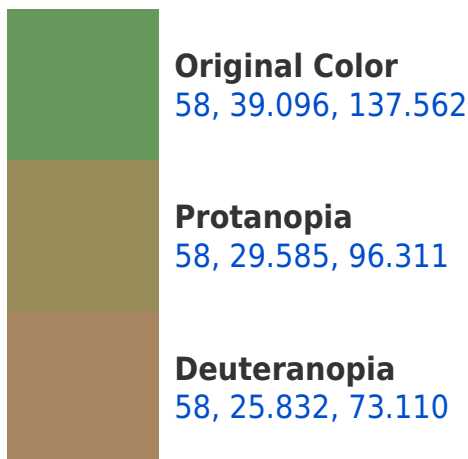


This preview shows how white text looks on a background with the CIELCh color 58, 39.096, 137.562.

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
58, 12.694, 231.273

Trichromacy



Original Color
58, 39.096, 137.562

Protanomaly
58, 30.920, 115.462

Deuteranomaly
57, 25.806, 104.203

Tritanomaly
58, 16.512, 168.983

Monochromacy



Original Color
58, 39.096, 137.562

Achromatopsia
54, 0.007, 296.813

Achromatomaly
56, 14.555, 138.606

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 58, 39.096, 137.562 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(102, 152, 92)` looks like.

```
.text, #text, p{  
    color:rgb(102, 152, 92)  
}
```

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(102, 152, 92) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(102, 152, 92) }
```

Border

The CSS property to change the border of an element to CIELCh 58, 39.096, 137.562 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(102, 152, 92) }
```

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

```
.border{ border-color:rgb(102, 152, 92) }
```

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

Here you see how a box with a 4 pixel `rgb(102, 152, 92)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(102, 152, 92); -webkit-box-  
shadow:4px 4px 4px 4px rgb(102, 152, 92);  
box-shadow:4px 4px 4px 4px rgb(102, 152,  
92) }
```

Background

The CSS property to change the background color of an element to CIELCh 58, 39.096, 137.562 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(102, 152, 92) }
```

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

```
.background{ background-color: rgb(102,  
152, 92) }
```

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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