

Converting Colors

CIELCh(58, 39.819, 140.917)

Have a look what the booklet for
CIELCh(58, 39.819, 140.917)
contains.

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Color

CIELCh(58, 40.040, 140.877)

Conversions

Conversions Part 1

Format	Color
Hex	60995E
RGB	96, 153, 94
RGB Percent	38%, 60%, 37%
CMY	0.6246, 0.4011, 0.6324
CMYK	0.37, 0.00, 0.39, 0.40
HSL	118°, 24%, 48%
HSV	118°, 39%, 60%
XYZ	18.1454, 25.9610, 14.5804
YIQ	129.2310, -15.0330, -30.4330

Conversions

Conversions Part 2

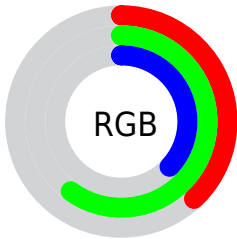
Format	Color
R_{YB}	94, 153, 151
Decimal	6330718
CIE _{Lab}	58.00, -31.06, 25.26
CIE _{LCh}	58, 40.040, 140.877
Yxy	25.9610, 0.3092, 0.4424
Android (android.graphics.Color)	4284520798 (0xFF60995E)
YUV	129.2310, -17.3689, -29.1436
Hunter-Lab	50.9519, -25.5971, 18.6999

Details

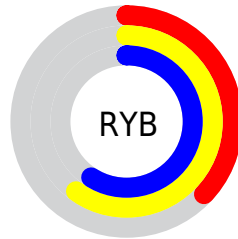
The CIELCh color **58, 40.040, 140.877** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **48, 40.079, 325.477**, and the grayscale version is **54, 0.007, 296.813**.

A 20% lighter version of the original color is **78, 40.171, 140.804**, and **38, 39.636, 141.042** is the 20% darker color. If you saturate the color by 10%, you get **57, 49.844, 139.940**, and if you desaturate by 10%, it is **59, 29.813, 141.717**.

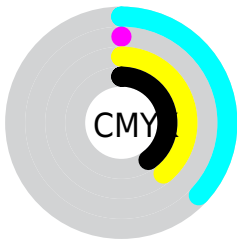
Distribution



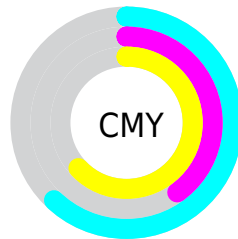
- Red (38%)
- Green (60%)
- Blue (37%)



- Red (37%)
- Yellow (60%)
- Blue (59%)



- Cyan (37%)
- Magenta (0%)
- Yellow (39%)
- Black (40%)





- Cyan (62%)
- Magenta (40%)
- Yellow (63%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 58, 40.040, 140.877 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, 40.040, 140.877 by changing the saturation by 10% instead.


 58, 40.040,
140.877

 58, 40.040,
140.877

 100, 40.040,
140.877

 48, 40.040,
140.877


 78, 40.040,
140.877

 38, 40.040,
140.877

 88, 40.040,
140.877

 28, 40.040,
140.877

 98, 40.040,
140.877

 18, 40.040,
140.877

 8, 40.040, 140.877

 0, 40.040, 140.877

■ 58, 40.040,
140.877

■ 58, 40.040,
140.877

■ 57, 49.844,
139.940

■ 59, 29.813,
141.717

■ 56, 58.936,
138.936

■ 60, 19.386,
142.453

■ 56, 66.970,
137.928

■ 62, 8.931, 143.096

■ 55, 73.540,
137.023

■ 63, 1.425, 323.467

■ 55, 78.255,
136.352

■ 65, 11.591,
324.051

■ 55, 81.133,
135.912

■ 67, 21.510,
324.447

■ 55, 81.491,
135.840

■ 69, 31.144,
324.780

■ 71, 40.476,
325.062

■ 73, 49.500,
325.302

Harmonies

Complementary

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



58, 40.040, 140.877



48, 40.079, 325.477

Rectangle

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



58, 40.040, 140.877



58, 40.040, 190.877



58, 40.040, 320.877



58, 40.040, 10.877

Sweetspot

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



58, 40.041, 140.877



78, 15.453, 142.872



61, 30.912, 104.288



41, 10.229, 142.799



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, 40.041, 140.877



73, 58.631, 140.106



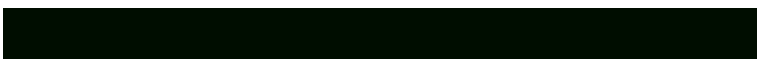
58, 28.941, 157.484



32, 5.866, 143.059



51, 76.562, 135.821



3, 6.317, 143.559

Inverse Universe

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



48, 40.079, 325.477



58, 58.584, 325.847



47, 29.941, 344.511



30, 5.878, 323.993



32, 74.185, 326.936



1, 6.308, 323.421

Previews

White Background



This preview shows how the CIE LCh color 58, 40.040, 140.877 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 58, 40.040, 140.877 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

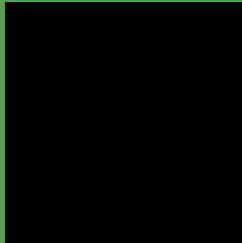
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 58, 40.040, 140.877

Background



This preview shows how black text looks on a background with the CIELCh color 58, 40.040, 140.877.



This preview shows how white text looks on a background with the CIELCh color 58, 40.040, 140.877.

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
58, 40.040, 140.877

Protanopia
58, 29.051, 96.201

Deuteranopia
58, 24.604, 72.701



Tritanopia
58, 14.339, 226.985

Trichromacy



Original Color
58, 40.040, 140.877

Protanomaly
58, 30.549, 117.236

Deuteranomaly
57, 24.679, 107.237

Tritanomaly
58, 18.321, 171.866

Monochromacy



Original Color
58, 40.040, 140.877

Achromatopsia
54, 0.007, 296.813

Achromatomaly
55, 15.204, 142.338

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 58, 40.040, 140.877 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(96, 153, 94)` looks like.

```
.text, #text, p{  
    color:rgb(96, 153, 94)  
}
```

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(96, 153, 94) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(96, 153, 94) }
```

Border

The CSS property to change the border of an element to CIELCh 58, 40.040, 140.877 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(96, 153, 94) }
```

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

```
.border{ border-color:rgb(96, 153, 94) }
```

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

Here you see how a box with a 4 pixel `rgb(96, 153, 94)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(96, 153, 94); -webkit-box-  
shadow:4px 4px 4px 4px rgb(96, 153, 94);  
box-shadow:4px 4px 4px 4px rgb(96, 153,  
94) }
```

Background

The CSS property to change the background color of an element to CIELCh 58, 40.040, 140.877 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(96, 153, 94) }
```

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

```
.background{ background-color: rgb(96, 153,  
94) }
```

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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