

Converting Colors

CIELCh(58, 35.265, 134.273)

Have a look what the booklet for
CIELCh(58, 35.265, 134.273)
contains.

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Color

CIELCh(58, 35.303, 134.373)

Conversions

Conversions Part 1

Format	Color
Hex	6E965E
RGB	110, 150, 94
RGB Percent	43%, 59%, 37%
CMY	0.5684, 0.4115, 0.6311
CMYK	0.27, 0.00, 0.37, 0.41
HSL	103°, 23%, 48%
HSV	103°, 37%, 59%
XYZ	19.3775, 25.9610, 14.5933
YIQ	131.6560, -5.8640, -25.8960

Conversions

Conversions Part 2

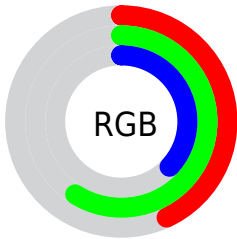
Format	Color
R_{YB}	94, 150, 134
Decimal	7247454
CIE _{Lab}	58.00, -24.69, 25.23
CIE _{LCh}	58, 35.303, 134.373
Yxy	25.9610, 0.3233, 0.4332
Android (android.graphics.Color)	4285437534 (0xFF6E965E)
YUV	131.6560, -18.5644, -18.9923
Hunter-Lab	50.9519, -21.2806, 18.6849

Details

The CIELCh color **58, 35.303, 134.373** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **46, 36.212, 317.741**, and the grayscale version is **55, 0.007, 296.813**.

A 20% lighter version of the original color is **78, 35.022, 134.207**, and **38, 35.312, 134.641** is the 20% darker color. If you saturate the color by 10%, you get **57, 44.428, 133.814**, and if you desaturate by 10%, it is **59, 25.918, 134.919**.

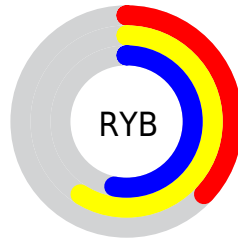
Distribution



Red (43%)

Green (59%)

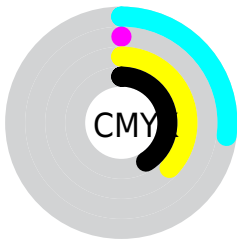
Blue (37%)



Red (37%)

Yellow (59%)

Blue (53%)

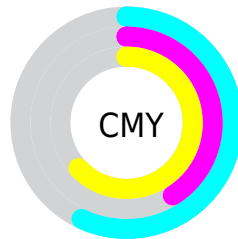


Cyan (27%)

Magenta (0%)

Yellow (37%)

Black (41%)



Cyan (57%)


Magenta (41%)


Yellow (63%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 58, 35.303, 134.373 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, 35.303, 134.373 by changing the saturation by 10% instead.


 58, 35.303,
134.373


 58, 35.303,
134.373


 100, 35.303,
134.373


 48, 35.303,
134.373


 78, 35.303,
134.373

 38, 35.303,
134.373

 88, 35.303,
134.373

 28, 35.303,
134.373

 98, 35.303,
134.373

 18, 35.303,
134.373

 8, 35.303, 134.373

 0, 35.303, 134.373

■ 58, 35.303,
134.373

■ 58, 35.303,
134.373

■ 57, 44.428,
133.814

■ 59, 25.918,
134.919

■ 56, 53.085,
133.282

■ 60, 16.418,
135.430

■ 56, 61.001,
132.848

■ 61, 6.911, 135.902

■ 55, 67.819,
132.611

■ 62, 2.525, 316.230

■ 55, 73.151,
132.695

■ 64, 11.836,
316.636

■ 54, 76.850,
133.119

■ 65, 20.982,
316.956

■ 54, 77.741,
133.202

■ 67, 29.940,
317.230

■ 68, 38.693,
317.466

■ 70, 47.233,
317.668

Harmonies

Complementary

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



58, 35.303, 134.373



46, 36.212, 317.741

Rectangle

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



58, 35.303, 134.373



58, 35.303, 184.373



58, 35.303, 314.373



58, 35.303, 4.373

Sweetspot

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



58, 35.304, 134.374



78, 12.954, 135.721



56, 23.479, 89.056



41, 8.778, 135.663



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, 35.304, 134.374



73, 52.673, 133.892



57, 33.534, 147.613



31, 5.275, 135.815



50, 72.930, 133.104



2, 4.606, 136.185

Inverse Universe

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



46, 36.212, 317.741



55, 54.312, 318.074



47, 33.655, 332.894



29, 5.315, 316.543



25, 75.444, 318.037



1, 4.607, 316.182

Previews

White Background



This preview shows how the CIELCh color 58, 35.303, 134.373 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, 35.303, 134.373 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

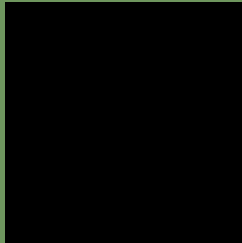
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 58, 35.303, 134.373

Background



This preview shows how black text looks on a background with the CIELCh color 58, 35.303, 134.373.



This preview shows how white text looks on a background with the CIELCh color 58, 35.303, 134.373.

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, 35.303, 134.373

Protanopia
58, 27.980, 95.961

Deuteranopia
58, 24.604, 72.701



Tritanopia
58, 10.236, 236.639

Trichromacy



Original Color
58, 35.303, 134.373

Protanomaly
58, 29.113, 112.756

Deuteranomaly
57, 23.753, 101.053

Tritanomaly
58, 14.092, 163.707

Monochromacy



Original Color
58, 35.303, 134.373

Achromatopsia
55, 0.007, 296.813

Achromatomaly
56, 13.442, 135.542

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 58, 35.303, 134.373 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(110, 150, 94)` looks like.

```
.text, #text, p{  
    color:rgb(110, 150, 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(110, 150, 94) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(110, 150, 94) }
```

Border

The CSS property to change the border of an element to CIELCh 58, 35.303, 134.373 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(110, 150, 94) }
```

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

```
.border{ border-color:rgb(110, 150, 94) }
```

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

Here you see how a box with a 4 pixel rgb(110, 150, 94) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(110, 150, 94); -webkit-box-  
shadow:4px 4px 4px 4px rgb(110, 150, 94);  
box-shadow:4px 4px 4px 4px rgb(110, 150,  
94) }
```

Background

The CSS property to change the background color of an element to CIELCh 58, 35.303, 134.373 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(110, 150, 94) }
```

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

```
.background{ background-color: rgb(110,  
150, 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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