

Converting Colors

CIELCh(58, 33.702, 137.802)

Have a look what the booklet for
CIELCh(58, 33.702, 137.802)
contains.

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Color

CIELCh(58, 33.303, 137.672)

Conversions

Conversions Part 1

Format	Color
Hex	6C9663
RGB	108, 150, 99
RGB Percent	42%, 59%, 39%
CMY	0.5759, 0.4112, 0.6112
CMYK	0.28, 0.00, 0.34, 0.41
HSL	109°, 20%, 49%
HSV	109°, 34%, 59%
XYZ	19.3908, 25.9610, 15.8282
YIQ	131.6280, -8.6610, -24.7650

Conversions

Conversions Part 2

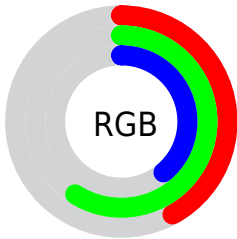
Format	Color
R_{YB}	99, 150, 141
Decimal	7116387
CIE _{Lab}	58.00, -24.62, 22.43
CIE _{LCh}	58, 33.303, 137.672
Yxy	25.9610, 0.3169, 0.4243
Android (android.graphics.Color)	4285306467 (0xFF6C9663)
YUV	131.6280, -16.0856, -20.7218
Hunter-Lab	50.9519, -21.2339, 17.2479

Details

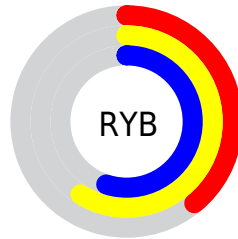
The CIELCh color $58, 33.303, 137.672$ is a dark color, and the websafe version is hex 669966 . A complement of this color would be $48, 33.728, 320.993$, and the grayscale version is $55, 0.007, 296.813$.

A 20% lighter version of the original color is $78, 33.074, 137.345$, and $38, 33.303, 138.106$ is the 20% darker color. If you saturate the color by 10%, you get $57, 42.840, 136.996$, and if you desaturate by 10%, it is $59, 23.533, 138.297$.

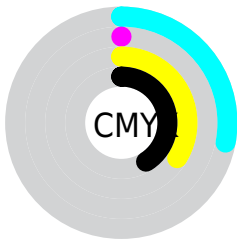
Distribution



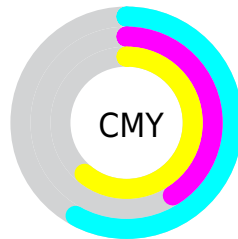
- Red (42%)
- Green (59%)
- Blue (39%)



- Red (39%)
- Yellow (59%)
- Blue (55%)



- Cyan (28%)
- Magenta (0%)
- Yellow (34%)
- Black (41%)





- Cyan (58%)
- Magenta (41%)
- Yellow (61%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 58, 33.303, 137.672 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, 33.303, 137.672 by changing the saturation by 10% instead.


 58, 33.303,
137.672


 58, 33.303,
137.672


 100, 33.303,
137.672


 48, 33.303,
137.672


 78, 33.303,
137.672

 38, 33.303,
137.672

 88, 33.303,
137.672

 28, 33.303,
137.672

 98, 33.303,
137.672

 18, 33.303,
137.672

 8, 33.303, 137.672

 0, 33.303, 137.672

■ 58, 33.303,
137.672

■ 58, 33.303,
137.672

■ 57, 42.840,
136.996

■ 59, 23.533,
138.297

■ 56, 51.933,
136.293

■ 60, 13.682,
138.858

■ 56, 60.308,
135.620

■ 62, 3.865, 139.378

■ 55, 67.616,
135.064

■ 63, 5.836, 319.727

■ 55, 73.455,
134.741

■ 65, 15.364,
320.111

■ 54, 77.478,
134.762

■ 66, 24.680,
320.428

■ 54, 79.342,
134.772

■ 68, 33.761,
320.697

■ 70, 42.596,
320.926

■ 72, 51.179,
321.121

Harmonies

Complementary

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



58, 33.303, 137.672



48, 33.728, 320.993

Rectangle

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



58, 33.303, 137.672



58, 33.303, 187.672



58, 33.303, 317.672



58, 33.303, 7.672

Sweetspot

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



58, 33.304, 137.673



78, 12.162, 139.054



58, 23.731, 97.561



41, 8.369, 138.988



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, 33.304, 137.673



73, 49.795, 137.143



58, 28.011, 152.190



31, 5.450, 139.106



50, 74.420, 134.701



2, 4.753, 139.510

Inverse Universe

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



48, 33.728, 320.993



58, 50.526, 321.313



48, 28.369, 337.443



29, 5.477, 319.892



28, 74.194, 321.686



1, 4.754, 319.506

Previews

White Background



This preview shows how the CIELCh color 58, 33.303, 137.672 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, 33.303, 137.672 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, 33.303, 137.672

Background



This preview shows how black text looks on a background with the CIELCh color 58, 33.303, 137.672.



This preview shows how white text looks on a background with the CIELCh color 58, 33.303, 137.672.

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, 33.303, 137.672

Protanopia
58, 25.736, 96.347

Deuteranopia
58, 21.970, 70.023



Tritanopia
58, 11.081, 236.967

Trichromacy



Original Color
58, 33.303, 137.672

Protanomaly
58, 26.480, 114.542

Deuteranomaly
57, 20.951, 101.800

Tritanomaly
58, 13.738, 170.986

Monochromacy



Original Color
58, 33.303, 137.672

Achromatopsia
55, 0.007, 296.813

Achromatomaly
56, 12.637, 139.412

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 58, 33.303, 137.672 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(108, 150, 99)` looks like.

```
.text, #text, p{  
    color:rgb(108, 150, 99)  
}
```

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(108, 150, 99) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(108, 150, 99) }
```

Border

The CSS property to change the border of an element to CIELCh 58, 33.303, 137.672 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(108, 150, 99) }
```

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

```
.border{ border-color:rgb(108, 150, 99) }
```

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

Here you see how a box with a 4 pixel `rgb(108, 150, 99)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(108, 150, 99); -webkit-box-  
shadow:4px 4px 4px 4px rgb(108, 150, 99);  
box-shadow:4px 4px 4px 4px rgb(108, 150,  
99) }
```

Background

The CSS property to change the background color of an element to CIELCh 58, 33.303, 137.672 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(108, 150, 99) }
```

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

```
.background{ background-color: rgb(108,  
150, 99) }
```

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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