

Converting Colors

CIELCh(58, 33.073, 138.675)

Have a look what the booklet for
CIELCh(58, 33.073, 138.675)
contains.

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Color

CIELCh(58, 33.035, 138.689)

Conversions

Conversions Part 1

Format	Color
Hex	6B9664
RGB	107, 150, 100
RGB Percent	42%, 59%, 39%
CMY	0.5794, 0.4107, 0.6069
CMYK	0.29, 0.00, 0.33, 0.41
HSL	112°, 20%, 49%
HSV	112°, 33%, 59%
XYZ	19.3527, 25.9610, 16.1087
YIQ	131.4430, -9.5780, -24.6660

Conversions

Conversions Part 2

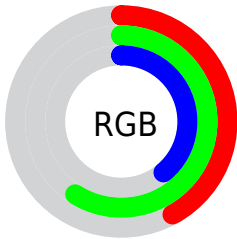
Format	Color
RYB	100, 150, 143
Decimal	7050852
CIELab	58.00, -24.81, 21.81
CIELCh	58, 33.035, 138.689
Yxy	25.9610, 0.3151, 0.4227
Android (android.graphics.Color)	4285240932 (0xFF6B9664)
YUV	131.4430, -15.5014, -21.4365
Hunter-Lab	50.9519, -21.3674, 16.9216

Details

The CIELCh color $58, 33.035, 138.689$ is a dark color, and the websafe version is hex 669966 . A complement of this color would be $49, 33.347, 322.070$, and the grayscale version is $55, 0.007, 296.813$.

A 20% lighter version of the original color is $78, 32.810, 138.326$, and $38, 33.033, 139.148$ is the 20% darker color. If you saturate the color by 10%, you get $57, 42.698, 137.968$, and if you desaturate by 10%, it is $59, 23.138, 139.346$.

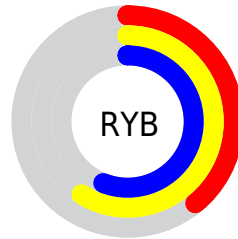
Distribution



Red (42%)

Green (59%)

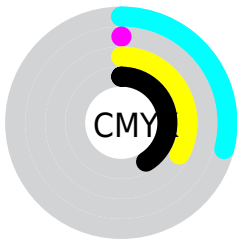
Blue (39%)



Red (39%)

Yellow (59%)

Blue (56%)

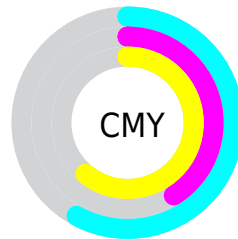


Cyan (29%)

Magenta (0%)

Yellow (33%)

Black (41%)



Cyan (58%)


Magenta (41%)


Yellow (61%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 58, 33.035, 138.689 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, 33.035, 138.689 by changing the saturation by 10% instead.


 58, 33.035,
138.689


 58, 33.035,
138.689


 100, 33.035,
138.689


 48, 33.035,
138.689


 78, 33.035,
138.689

 38, 33.035,
138.689

 88, 33.035,
138.689

 28, 33.035,
138.689

 98, 33.035,
138.689

 18, 33.035,
138.689

 8, 33.035, 138.689

 0, 33.035, 138.689

■ 58, 33.035,
138.689

■ 58, 33.035,
138.689

■ 57, 42.698,
137.968

■ 59, 23.138,
139.346

■ 56, 51.908,
137.204

■ 60, 13.164,
139.931

■ 56, 60.389,
136.449

■ 62, 3.233, 140.477

■ 55, 67.788,
135.787

■ 63, 6.569, 320.828

■ 55, 73.700,
135.334

■ 65, 16.183,
321.218

■ 54, 77.768,
135.207

■ 66, 25.570,
321.540

■ 54, 79.770,
135.138

■ 68, 34.708,
321.814

■ 70, 43.584,
322.046

■ 72, 52.197,
322.243

Harmonies

Complementary

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



58, 33.035, 138.689



49, 33.347, 322.070

Rectangle

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



58, 33.035, 138.689



58, 33.035, 188.689



58, 33.035, 318.689



58, 33.035, 8.689

Sweetspot

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



58, 33.036, 138.690



78, 12.301, 140.098



59, 24.013, 99.622



41, 8.465, 140.028



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, 33.036, 138.690



73, 49.169, 138.151



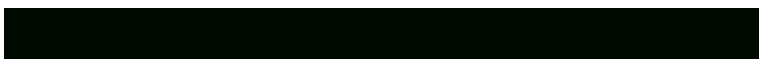
58, 26.770, 153.610



31, 5.512, 140.152



50, 74.791, 135.077



2, 4.806, 140.573

Inverse Universe

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



49, 33.347, 322.070



59, 49.685, 322.386



49, 27.204, 338.909



29, 5.535, 320.968



29, 73.866, 322.982



1, 4.807, 320.569

Previews

White Background



This preview shows how the CIELCh color 58, 33.035, 138.689 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, 33.035, 138.689 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

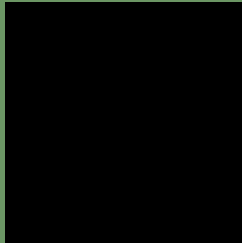
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 58, 33.035, 138.689

Background



This preview shows how black text looks on a background with the CIELCh color 58, 33.035, 138.689.



This preview shows how white text looks on a background with the CIELCh color 58, 33.035, 138.689.

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, 33.035, 138.689

Protanopia

58, 25.194, 96.199

Deuteranopia

58, 21.509, 69.218



Tritanopia
58, 11.347, 235.899

Trichromacy



Original Color
58, 33.035, 138.689

Protanomaly
58, 26.005, 115.672

Deuteranomaly
57, 20.356, 102.924

Tritanomaly
58, 14.056, 171.604

Monochromacy



Original Color
58, 33.035, 138.689

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, 33.035, 138.689 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(107, 150, 100)` looks like.

```
.text, #text, p{  
    color:rgb(107, 150, 100)  
}
```

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(107, 150, 100) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(107, 150, 100) }
```

Border

The CSS property to change the border of an element to CIELCh 58, 33.035, 138.689 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(107, 150, 100) }
```

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

```
.border{ border-color:rgb(107, 150, 100) }
```

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

Here you see how a box with a 4 pixel `rgb(107, 150, 100)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(107, 150, 100); -webkit-box-  
shadow:4px 4px 4px 4px rgb(107, 150, 100);  
box-shadow:4px 4px 4px 4px rgb(107, 150,  
100) }
```

Background

The CSS property to change the background color of an element to CIELCh 58, 33.035, 138.689 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(107, 150, 100) }
```

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

```
.background{ background-color: rgb(107,  
150, 100) }
```

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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