

Converting Colors

CIELCh(58, 33.906, 121.373)

Have a look what the booklet for
CIELCh(58, 33.906, 121.373)
contains.

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Color

CIELCh(58, 33.873, 121.803)

Conversions

Conversions Part 1

Format	Color
Hex	7E9358
RGB	126, 147, 88
RGB Percent	49%, 58%, 35%
CMY	0.5063, 0.4240, 0.6553
CMYK	0.14, 0.00, 0.40, 0.42
HSL	81°, 25%, 46%
HSV	81°, 40%, 58%
XYZ	20.7598, 25.9610, 13.1258
YIQ	133.9950, 6.4230, -22.8010

Conversions

Conversions Part 2

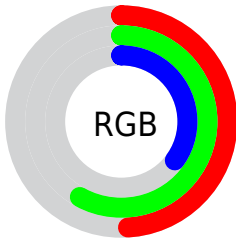
Format	Color
R_{YB}	88, 147, 109
Decimal	8295256
CIE _{Lab}	58.00, -17.85, 28.79
CIE _{LCh}	58, 33.873, 121.803
Yxy	25.9610, 0.3469, 0.4338
Android (android.graphics.Color)	4286485336 (0xFF7E9358)
YUV	133.9950, -22.6755, -7.0116
Hunter-Lab	50.9519, -16.4380, 20.3926

Details

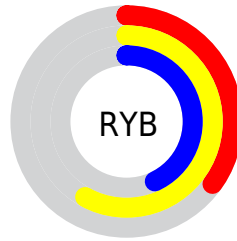
The CIELCh color $58, 33.873, 121.803$ is a dark color, and the websafe version is hex 999966 . A complement of this color would be $42, 36.523, 306.397$, and the grayscale version is $56, 0.007, 296.813$.

A 20% lighter version of the original color is $78, 33.681, 121.563$, and $38, 33.517, 121.469$ is the 20% darker color. If you saturate the color by 10%, you get $57, 41.839, 121.343$, and if you desaturate by 10%, it is $59, 25.612, 122.319$.

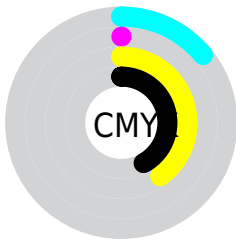
Distribution



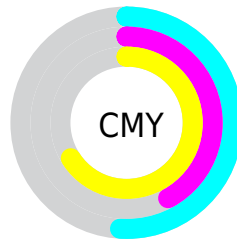
- Red (49%)
- Green (58%)
- Blue (35%)



- Red (35%)
- Yellow (58%)
- Blue (43%)



- Cyan (14%)
- Magenta (0%)
- Yellow (40%)
- Black (42%)





- Cyan (51%)
- Magenta (42%)
- Yellow (66%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 58, 33.873, 121.803 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, 33.873, 121.803 by changing the saturation by 10% instead.


 58, 33.873,
121.803


 58, 33.873,
121.803


 100, 33.873,
121.803


 48, 33.873,
121.803


 78, 33.873,
121.803

 38, 33.873,
121.803

 88, 33.873,
121.803

 28, 33.873,
121.803

 98, 33.873,
121.803

 18, 33.873,
121.803

 8, 33.873, 121.803

 0, 33.873, 121.803

■ 58, 33.873,
121.803

■ 58, 33.873,
121.803

■ 57, 41.839,
121.343

■ 59, 25.612,
122.319

■ 57, 49.316,
120.985

■ 59, 17.180,
122.851

■ 56, 56.042,
120.809

■ 60, 8.666, 123.380

■ 56, 61.675,
120.913

■ 61, 0.131, 124.296

■ 62, 8.381, 304.355

■ 56, 65.867,
121.408

■ 63, 16.840,
304.808

■ 55, 68.821,
122.190

■ 64, 25.223,
305.227

■ 65, 33.514,
305.612

■ 66, 41.700,
305.966

Harmonies

Complementary

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



58, 33.873, 121.803



42, 36.523, 306.397

Rectangle

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



58, 33.873, 121.803



58, 33.873, 171.803



58, 33.873, 301.803



58, 33.873, 351.803

Sweetspot

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



58, 33.874, 121.805



76, 12.690, 123.270



49, 21.448, 54.672



40, 8.484, 123.210



89, 0.011, 296.813



41, 0.006, 296.813

Same Dimension

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



58, 33.874, 121.805



73, 49.727, 121.393



56, 38.868, 137.953



31, 4.843, 123.430



52, 65.616, 122.100



2, 4.247, 123.888

Inverse Universe

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



42, 36.523, 306.397



49, 54.707, 307.066



45, 39.313, 322.055



29, 4.925, 304.365



18, 81.059, 309.372



0, 4.248, 303.887

Previews

White Background



This preview shows how the CIELCh color 58, 33.873, 121.803 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, 33.873, 121.803 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

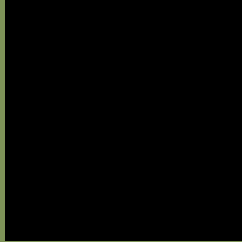
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 58, 33.873, 121.803

Background



This preview shows how black text looks on a background with the CIELCh color 58, 33.873, 121.803.



This preview shows how white text looks on a background with the CIELCh color 58, 33.873, 121.803.

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

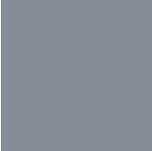
58, 33.873, 121.803

Protanopia

58, 30.739, 95.690

Deuteranopia

58, 28.510, 75.011



Tritanopia
58, 6.499, 274.134

Trichromacy



Original Color
58, 33.873, 121.803

Protanomaly
58, 31.115, 105.688

Deuteranomaly
58, 27.677, 93.992

Tritanomaly
58, 9.601, 136.344

Monochromacy



Original Color
58, 33.873, 121.803

Achromatopsia
56, 0.007, 296.813

Achromatomaly
57, 12.917, 123.375

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 58, 33.873, 121.803 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(126, 147, 88)` looks like.

```
.text, #text, p{  
    color:rgb(126, 147, 88)  
}
```

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(126, 147, 88) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(126, 147, 88) }
```

Border

The CSS property to change the border of an element to CIELCh 58, 33.873, 121.803 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(126, 147, 88) }
```

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

```
.border{ border-color:rgb(126, 147, 88) }
```

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

Here you see how a box with a 4 pixel rgb(126, 147, 88) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(126, 147, 88); -webkit-box-  
shadow:4px 4px 4px 4px rgb(126, 147, 88);  
box-shadow:4px 4px 4px 4px rgb(126, 147,  
88) }
```

Background

The CSS property to change the background color of an element to CIELCh 58, 33.873, 121.803 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(126, 147, 88) }
```

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

```
.background{ background-color: rgb(126,  
147, 88) }
```

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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