

Converting Colors

CIELCh(58, 6.785, 76.071)

Have a look what the booklet for
CIELCh(58, 6.785, 76.071) contains.

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Color

CIELCh(58, 6.735, 76.607)

Conversions

Conversions Part 1

Format	Color
Hex	938A80
RGB	147, 138, 128
RGB Percent	58%, 54%, 50%
CMY	0.4233, 0.4586, 0.4978
CMYK	0.00, 0.06, 0.13, 0.42
HSL	32°, 8%, 54%
HSV	32°, 13%, 58%
XYZ	25.0390, 25.9610, 24.1322
YIQ	139.5510, 8.5740, -1.2020

Conversions

Conversions Part 2

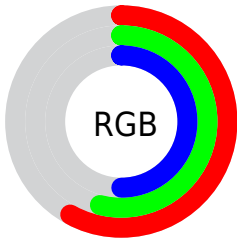
Format	Color
R_{YB}	145, 147, 128
Decimal	9669248
CIE _{Lab}	58.00, 1.56, 6.55
CIE _{LCh}	58, 6.735, 76.607
Yxy	25.9610, 0.3333, 0.3455
Android (android.graphics.Color)	4287859328 (0xFF938A80)
YUV	139.5510, -5.6946, 6.5328
Hunter-Lab	50.9519, -1.4468, 7.5851

Details

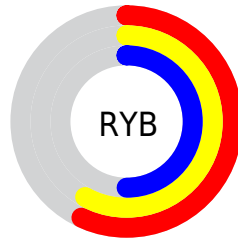
The CIELCh color $58, 6.735, 76.607$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $57, 6.564, 259.978$, and the grayscale version is $58, 0.007, 296.813$.

A 20% lighter version of the original color is $78, 6.534, 74.158$, and $38, 6.571, 76.440$ is the 20% darker color. If you saturate the color by 10%, you get $56, 12.200, 75.397$, and if you desaturate by 10%, it is $60, 1.488, 77.696$.

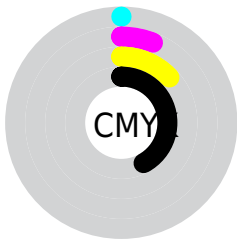
Distribution



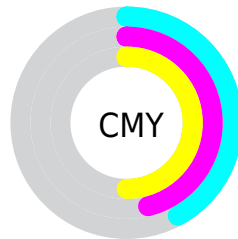
- Red (58%)
- Green (54%)
- Blue (50%)



- Red (57%)
- Yellow (58%)
- Blue (50%)



- Cyan (0%)
- Magenta (6%)
- Yellow (13%)
- Black (42%)




- Cyan (42%)
- Magenta (46%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 58, 6.735, 76.607 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, 6.735, 76.607 by changing the saturation by 10% instead.

 58, 6.735, 76.607  58, 6.735, 76.607

 100, 6.735, 76.607  48, 6.735, 76.607

 78, 6.735, 76.607  38, 6.735, 76.607

 88, 6.735, 76.607  28, 6.735, 76.607

 98, 6.735, 76.607  18, 6.735, 76.607

 8, 6.735, 76.607

 0, 6.735, 76.607

 58, 6.735, 76.607  58, 6.735, 76.607

 56, 12.200, 75.397  60, 1.488, 77.696

 54, 17.892, 74.139  63, 3.559, 259.144

51, 23.809, 72.859

65, 8.424, 260.248

49, 29.920, 71.555

67, 13.127,
261.343

47, 36.145, 70.209

70, 17.684,
262.400

45, 42.303, 68.768

43, 48.043, 67.115

72, 22.111,
263.414

42, 52.767, 65.028

74, 26.424,
264.383

41, 55.824, 63.541

77, 30.635,
265.307

79, 32.328,
263.301

Harmonies

Complementary

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



58, 6.735, 76.607



57, 6.564, 259.978

Rectangle

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



58, 6.735, 76.607



58, 6.735, 126.607



58, 6.735, 256.607



58, 6.735, 306.607

Sweetspot

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



58, 6.736, 76.623



76, 2.533, 77.609



56, 9.200, 345.607



40, 1.818, 77.544



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, 6.736, 76.623



73, 10.407, 76.210



60, 10.652, 109.654



30, 2.935, 77.061



38, 53.166, 63.779



2, 2.530, 78.225

Inverse Universe

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



57, 6.564, 259.978



71, 10.061, 260.481



54, 10.963, 292.129



30, 2.886, 259.467



28, 46.973, 285.422



1, 2.531, 258.237

Previews

White Background



This preview shows how the CIELCh color 58, 6.735, 76.607 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, 6.735, 76.607 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

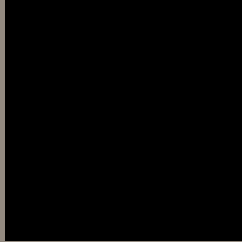
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

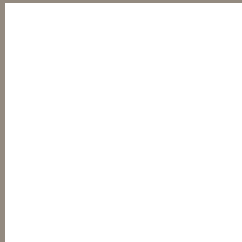
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 58, 6.735, 76.607

Background



This preview shows how black text looks on a background with the CIELCh color 58, 6.735, 76.607.



This preview shows how white text looks on a background with the CIELCh color 58, 6.735, 76.607.

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, 6.735, 76.607

Protanopia

58, 6.539, 91.401

Deuteranopia

58, 9.649, 40.717



Tritanopia
58, 8.587, 333.586

Trichromacy



Original Color
58, 6.735, 76.607

Protanomaly
58, 6.675, 88.067

Deuteranomaly
58, 7.999, 49.559

Tritanomaly
58, 5.429, 1.661

Monochromacy



Original Color
58, 6.735, 76.607

Achromatopsia
58, 0.007, 296.813

Achromatomaly
58, 2.309, 66.653

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 58, 6.735, 76.607 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(147, 138, 128)` looks like.

```
.text, #text, p{  
    color:rgb(147, 138, 128)  
}
```

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(147, 138, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(147, 138, 128) }
```

Border

The CSS property to change the border of an element to CIELCh 58, 6.735, 76.607 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(147, 138, 128) }
```

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

```
.border{ border-color:rgb(147, 138, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(147, 138, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(147, 138, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(147, 138, 128);  
box-shadow:4px 4px 4px 4px rgb(147, 138,  
128) }
```

Background

The CSS property to change the background color of an element to CIELCh 58, 6.735, 76.607 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(147, 138, 128) }
```

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

```
.background{ background-color: rgb(147,  
138, 128) }
```

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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