

Converting Colors

CIELCh(58, 8.272, 37.286)

Have a look what the booklet for
CIELCh(58, 8.272, 37.286) contains.

CIELCh(58, 8.451, 35.629)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(58, 8.451, 35.629)

Conversions

Conversions Part 1

Format	Color
Hex	9B8783
RGB	155, 135, 131
RGB Percent	61%, 53%, 51%
CMY	0.3919, 0.4703, 0.4860
CMYK	0.00, 0.13, 0.15, 0.39
HSL	10°, 11%, 56%
HSV	10°, 15%, 61%
XYZ	26.3039, 25.9610, 25.1196
YIQ	140.5240, 13.2040, 2.9960

Conversions

Conversions Part 2

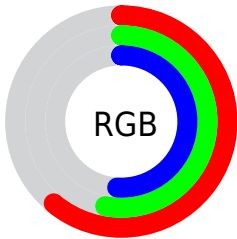
Format	Color
R_{YB}	155, 136, 131
Decimal	10192771
CIE Lab	58.00, 6.87, 4.92
CIE LCh	58, 8.451, 35.629
Yxy	25.9610, 0.3399, 0.3355
Android (android.graphics.Color)	4288382851 (0xFF9B8783)
YUV	140.5240, -4.6953, 12.6955
Hunter-Lab	50.9519, 2.9846, 6.4360

Details

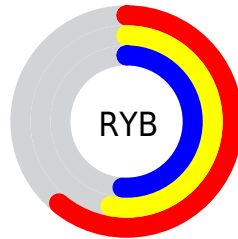
The CIELCh color $58, 8.451, 35.629$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $61, 7.651, 216.003$, and the grayscale version is $58, 0.007, 296.813$.

A 20% lighter version of the original color is $78, 8.631, 34.256$, and $38, 8.677, 32.677$ is the 20% darker color. If you saturate the color by 10%, you get $54, 14.491, 35.812$, and if you desaturate by 10%, it is $62, 2.872, 35.514$.

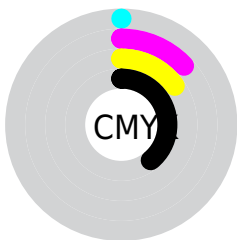
Distribution



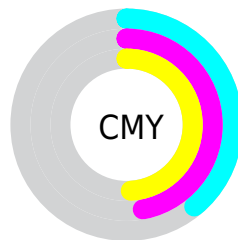
- Red (61%)
- Green (53%)
- Blue (51%)



- Red (61%)
- Yellow (53%)
- Blue (51%)



- Cyan (0%)
- Magenta (13%)
- Yellow (15%)
- Black (39%)





- Cyan (39%)
- Magenta (47%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 58, 8.451, 35.629 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, 8.451, 35.629 by changing the saturation by 10% instead.

 58, 8.451, 35.629  58, 8.451, 35.629

 100, 8.451, 35.629  48, 8.451, 35.629

 78, 8.451, 35.629  38, 8.451, 35.629

 88, 8.451, 35.629  28, 8.451, 35.629

 98, 8.451, 35.629  18, 8.451, 35.629

 8, 8.451, 35.629

 0, 8.451, 35.629

 58, 8.451, 35.629  58, 8.451, 35.629

 54, 14.491, 35.812  62, 2.872, 35.514

 51, 21.022, 36.131  66, 2.281, 215.944

47, 28.049, 36.650

70, 7.052, 215.952

44, 35.543, 37.412

74, 11.483,
216.121

41, 43.416, 38.445

78, 15.614,
216.341

38, 51.473, 39.720

36, 59.297, 41.068

82, 19.481,
216.592

34, 66.047, 42.067

86, 23.118,
216.861

33, 68.887, 42.710

90, 26.541,
217.009

93, 29.492,
201.299

Harmonies

Complementary

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



58, 8.451, 35.629



61, 7.651, 216.003

Rectangle

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



58, 8.451, 35.629



58, 8.451, 85.629



58, 8.451, 215.629



58, 8.451, 265.629

Sweetspot

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



58, 8.450, 35.642



79, 3.239, 35.503



58, 14.707, 330.296



42, 2.233, 35.521



91, 0.011, 296.813



43, 0.006, 296.813

Same Dimension

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



58, 8.450, 35.642



72, 13.043, 35.694



61, 9.527, 89.210



30, 2.975, 35.576



30, 63.465, 42.547



1, 3.115, 35.383

Inverse Universe

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



61, 7.651, 216.003



77, 11.491, 216.102



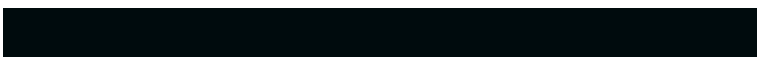
58, 9.502, 273.211



31, 2.810, 215.908



45, 27.905, 227.509



2, 3.083, 217.213

Previews

White Background



This preview shows how the CIELCh color 58, 8.451, 35.629 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, 8.451, 35.629 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, 8.451, 35.629

Background



This preview shows how black text looks on a background with the CIELCh color 58, 8.451, 35.629.



This preview shows how white text looks on a background with the CIELCh color 58, 8.451, 35.629.

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, 8.451, 35.629

Protanopia

58, 3.741, 84.505

Deuteranopia

58, 8.853, 34.946



Tritanopia
58, 11.333, 347.265

Trichromacy



Original Color
58, 8.451, 35.629

Protanomaly
58, 4.954, 62.818

Deuteranomaly
58, 8.853, 34.946

Tritanomaly
58, 9.216, 2.501

Monochromacy



Original Color
58, 8.451, 35.629

Achromatopsia
59, 0.008, 296.813

Achromatomaly
58, 2.987, 41.761

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 58, 8.451, 35.629 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(155, 135, 131)` looks like.

```
.text, #text, p{  
    color:rgb(155, 135, 131)  
}
```

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(155, 135, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 135, 131) }
```

Border

The CSS property to change the border of an element to CIELCh 58, 8.451, 35.629 is called "border". The border property can be set on classes, ids or directly on the HTML element.

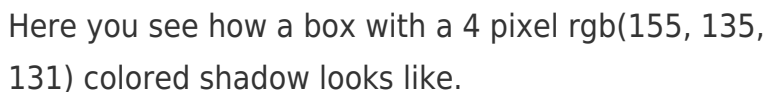
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(155, 135, 131) }
```

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

```
.border{ border-color:rgb(155, 135, 131) }
```

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



Here you see how a box with a 4 pixel `rgb(155, 135, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(155, 135, 131); -webkit-box-shadow:4px 4px 4px 4px rgb(155, 135, 131); box-shadow:4px 4px 4px 4px rgb(155, 135, 131) }
```

Background

The CSS property to change the background color of an element to CIELCh 58, 8.451, 35.629 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 135, 131) }
```

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

```
.background{ background-color: rgb(155,  
135, 131) }
```

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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