

Converting Colors

CIELCh(58, 14.780, 20.947)

Have a look what the booklet for
CIELCh(58, 14.780, 20.947) contains.

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Color

CIELCh(58, 14.780, 20.947)

Conversions

Conversions Part 1

Format	Color
Hex	A78383
RGB	167, 131, 131
RGB Percent	65%, 51%, 51%
CMY	0.3464, 0.4875, 0.4875
CMYK	0.00, 0.22, 0.22, 0.35
HSL	0°, 17%, 58%
HSV	0°, 22%, 65%
XYZ	28.0192, 25.9610, 24.8985
YIQ	141.7640, 21.4560, 7.6320

Conversions

Conversions Part 2

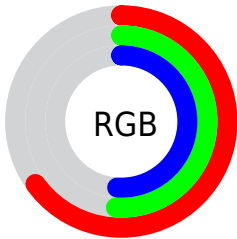
Format	Color
R_{YB}	167, 131, 131
Decimal	10978179
CIE _{Lab}	58.00, 13.80, 5.28
CIE _{LCh}	58, 14.780, 20.947
Yxy	25.9610, 0.3552, 0.3291
Android (android.graphics.Color)	4289168259 (0xFFA78383)
YUV	141.7640, -5.3067, 22.1320
Hunter-Lab	50.9519, 8.9939, 6.6933

Details

The CIELCh color **58, 14.780, 20.947** is a dark color, and the websafe version is hex **CC9999**. A complement of this color would be **66, 12.846, 198.340**, and the grayscale version is **59, 0.008, 296.813**.

A 20% lighter version of the original color is **78, 14.956, 20.605**, and **38, 14.816, 19.285** is the 20% darker color. If you saturate the color by 10%, you get **53, 22.446, 22.045**, and if you desaturate by 10%, it is **63, 7.632, 20.090**.

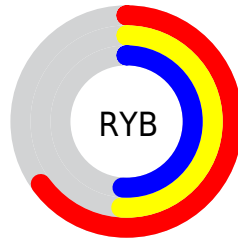
Distribution



Red (65%)

Green (51%)

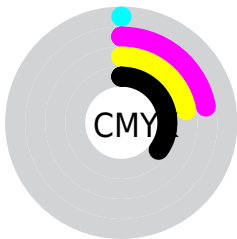
Blue (51%)



Red (65%)

Yellow (51%)

Blue (51%)

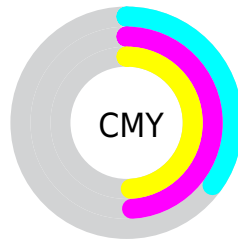


Cyan (0%)

Magenta (22%)

Yellow (22%)

Black (35%)



Cyan (35%)

Magenta (49%)

Yellow (49%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 58, 14.780, 20.947 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, 14.780, 20.947 by changing the saturation by 10% instead.

 58, 14.780, 20.947

 58, 14.780, 20.947

 100, 14.780,
20.947

 48, 14.780, 20.947

 78, 14.780, 20.947

 38, 14.780, 20.947

 88, 14.780, 20.947

 28, 14.780, 20.947

 98, 14.780, 20.947

 18, 14.780, 20.947

 8, 14.780, 20.947

 0, 14.780, 20.947

 58, 14.780, 20.947

 58, 14.780, 20.947

 53, 22.446, 22.045

 63, 7.632, 20.090

 49, 30.589, 23.458

 68, 1.007, 19.026

45, 39.095, 25.295

73, 5.127, 199.089

42, 47.774, 27.660

77, 10.810,
198.635

39, 56.351, 30.613

82, 16.090,
198.296

36, 64.438, 34.051

35, 71.303, 37.451

87, 21.014,
198.025

34, 75.881, 39.839

92, 25.625,
197.805

95, 27.645,
197.713

Harmonies

Complementary

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



58, 14.780, 20.947



66, 12.846, 198.340

Rectangle

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



58, 14.780, 20.947



58, 14.780, 70.947



58, 14.780, 200.947



58, 14.780, 250.947

Sweetspot

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



58, 14.778, 20.954



83, 4.791, 19.656



59, 24.436, 325.593



44, 3.211, 19.707



94, 0.011, 296.813



46, 0.006, 296.813

Same Dimension

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



58, 14.778, 20.954



71, 22.453, 21.453



63, 12.500, 72.785



33, 3.724, 19.911



30, 69.026, 39.360



1, 6.572, 19.409

Inverse Universe

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



66, 12.846, 198.340



83, 18.844, 198.110



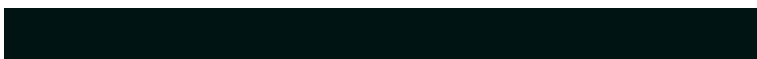
61, 11.815, 258.508



35, 3.516, 198.996



55, 33.385, 196.394



5, 6.571, 199.428

Previews

White Background



This preview shows how the CIELCh color 58, 14.780, 20.947 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, 14.780, 20.947 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

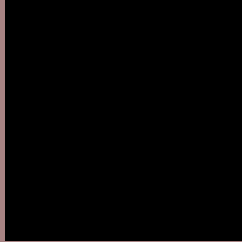
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 58, 14.780, 20.947

Background



This preview shows how black text looks on a background with the CIELCh color 58, 14.780, 20.947.



This preview shows how white text looks on a background with the CIELCh color 58, 14.780, 20.947.

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, 14.780, 20.947

Protanopia

58, 2.753, 74.659

Deuteranopia

58, 9.438, 37.589



Tritanopia
58, 16.615, 1.442

Trichromacy



Original Color
58, 14.780, 20.947

Protanomaly
58, 6.673, 34.675

Deuteranomaly
58, 11.617, 28.887

Tritanomaly
58, 15.736, 8.747

Monochromacy



Original Color
58, 14.780, 20.947

Achromatopsia
59, 0.008, 296.813

Achromatomaly
58, 5.177, 19.852

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 58, 14.780, 20.947 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(167, 131, 131)` looks like.

```
.text, #text, p{  
    color:rgb(167, 131, 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(167, 131, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 131, 131) }
```

Border

The CSS property to change the border of an element to CIELCh 58, 14.780, 20.947 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(167, 131, 131) }
```

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

```
.border{ border-color:rgb(167, 131, 131) }
```

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

Here you see how a box with a 4 pixel `rgb(167, 131, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 131, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 131, 131);  
box-shadow:4px 4px 4px 4px rgb(167, 131,  
131) }
```

Background

The CSS property to change the background color of an element to CIELCh 58, 14.780, 20.947 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 131, 131) }
```

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

```
.background{ background-color: rgb(167,  
131, 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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