

Converting Colors

CIELCh(58, 12.392, 7.580)

Have a look what the booklet for
CIELCh(58, 12.392, 7.580) contains.

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Color

CIELCh(58, 12.392, 7.580)

Conversions

Conversions Part 1

Format	Color
Hex	A28489
RGB	162, 132, 137
RGB Percent	64%, 52%, 54%
CMY	0.3650, 0.4826, 0.4630
CMYK	0.00, 0.19, 0.15, 0.36
HSL	350°, 14%, 58%
HSV	350°, 19%, 64%
XYZ	27.6371, 25.9610, 27.1945
YIQ	141.5400, 16.2750, 7.9150

Conversions

Conversions Part 2

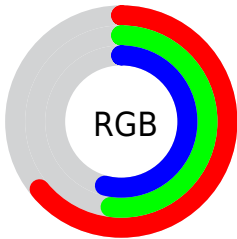
Format	Color
R_{YB}	162, 132, 137
Decimal	10650761
CIE _{Lab}	58.00, 12.28, 1.63
CIE _{LCh}	58, 12.392, 7.580
Yxy	25.9610, 0.3421, 0.3213
Android (android.graphics.Color)	4288840841 (0xFFA28489)
YUV	141.5400, -2.2382, 17.9434
Hunter-Lab	50.9519, 7.6554, 4.0216

Details

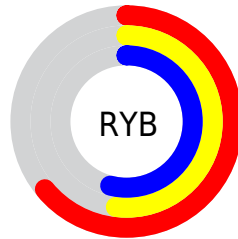
The CIELCh color $58, 12.392, 7.580$ is a dark color, and the websafe version is hex `CC9999`. A complement of this color would be $64, 11.433, 184.281$, and the grayscale version is $59, 0.008, 296.813$.

A 20% lighter version of the original color is $78, 12.369, 7.997$, and $38, 12.631, 7.397$ is the 20% darker color. If you saturate the color by 10%, you get $54, 19.571, 8.837$, and if you desaturate by 10%, it is $63, 5.547, 6.509$.

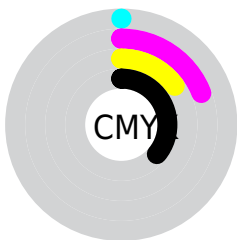
Distribution



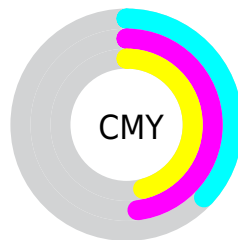
- Red (64%)
- Green (52%)
- Blue (54%)



- Red (64%)
- Yellow (52%)
- Blue (54%)



- Cyan (0%)
- Magenta (19%)
- Yellow (15%)
- Black (36%)




- Cyan (37%)
- Magenta (48%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 58, 12.392, 7.580 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, 12.392, 7.580 by changing the saturation by 10% instead.

 58, 12.392, 7.580  58, 12.392, 7.580

 100, 12.392, 7.580  48, 12.392, 7.580

 78, 12.392, 7.580  38, 12.392, 7.580

 88, 12.392, 7.580  28, 12.392, 7.580



 98, 12.392, 7.580  18, 12.392, 7.580

 8, 12.392, 7.580

 0, 12.392, 7.580

 58, 12.392, 7.580  58, 12.392, 7.580

 54, 19.571, 8.837  63, 5.547, 6.509

 49, 27.013, 10.353  67, 0.930, 186.191

45, 34.577, 12.231

72, 7.040, 185.022

42, 42.053, 14.588

77, 12.801,
184.335

39, 49.176, 17.565

82, 18.239,
183.743

36, 55.690, 21.285

35, 61.433, 25.770

86, 23.383,
183.219

34, 66.517, 30.634

91, 28.263,
182.749

33, 67.278, 31.281

94, 30.104,
187.505

94, 28.893,
197.637

Harmonies

Complementary

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



58, 12.392, 7.580



64, 11.433, 184.281

Rectangle

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



58, 12.392, 7.580



58, 12.392, 57.580



58, 12.392, 187.580



58, 12.392, 237.580

Sweetspot

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



58, 12.390, 7.586



81, 4.824, 6.253



58, 19.522, 320.617



43, 3.230, 6.320



93, 0.011, 296.813



45, 0.006, 296.813

Same Dimension

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



58, 12.390, 7.586



72, 18.489, 8.047



60, 9.939, 54.257



32, 3.713, 6.587



30, 61.852, 30.755



1, 5.609, 7.061

Inverse Universe

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



58, 12.390, 7.586



72, 18.489, 8.047



62, 9.031, 237.530



32, 3.713, 6.587



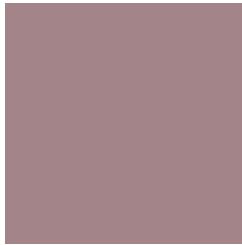
30, 61.852, 30.755



1, 5.609, 7.061

Previews

White Background



This preview shows how the CIELCh color 58, 12.392, 7.580 looks on a white background.

Color Contrast Check

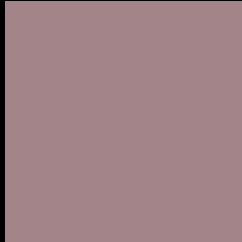
Large Text (above 18pt) WCAG AA ✓ Pass

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, 12.392, 7.580 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

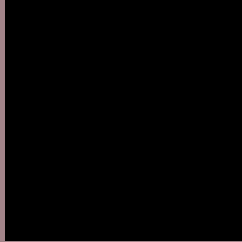
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 58, 12.392, 7.580

Background



This preview shows how black text looks on a background with the CIELCh color 58, 12.392, 7.580.



This preview shows how white text looks on a background with the CIELCh color 58, 12.392, 7.580.

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, 12.392, 7.580

Protanopia

58, 1.646, 335.643

Deuteranopia

58, 7.640, 15.911



Tritanopia
58, 13.567, 356.277

Trichromacy



Original Color
58, 12.392, 7.580

Protanomaly
58, 5.625, 356.164

Deuteranomaly
58, 9.315, 13.392

Tritanomaly
58, 13.369, 358.516

Monochromacy



Original Color
58, 12.392, 7.580

Achromatopsia
59, 0.008, 296.813

Achromatomaly
58, 4.496, 5.210

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 58, 12.392, 7.580 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(162, 132, 137)` looks like.

```
.text, #text, p{  
    color:rgb(162, 132, 137)  
}
```

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(162, 132, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 132, 137) }
```

Border

The CSS property to change the border of an element to CIELCh 58, 12.392, 7.580 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(162, 132, 137) }
```

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

```
.border{ border-color:rgb(162, 132, 137) }
```

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

Here you see how a box with a 4 pixel `rgb(162, 132, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 132, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 132, 137);  
box-shadow:4px 4px 4px 4px rgb(162, 132,  
137) }
```

Background

The CSS property to change the background color of an element to CIELCh 58, 12.392, 7.580 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 132, 137) }
```

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

```
.background{ background-color: rgb(162,  
132, 137) }
```

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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