

Converting Colors

CIELCh(58, 22.942, 1.373)

Have a look what the booklet for
CIELCh(58, 22.942, 1.373) contains.

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Color

CIELCh(58, 22.667, 1.763)

Conversions

Conversions Part 1

Format	Color
Hex	B27D8B
RGB	178, 125, 139
RGB Percent	70%, 49%, 55%
CMY	0.3023, 0.5101, 0.4552
CMYK	0.00, 0.30, 0.22, 0.30
HSL	344°, 26%, 59%
HSV	344°, 30%, 70%
XYZ	30.3155, 25.9610, 27.8061
YIQ	142.4430, 27.0940, 15.5900

Conversions

Conversions Part 2

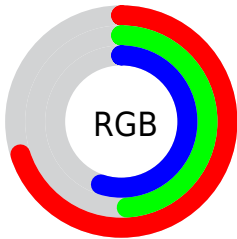
Format	Color
RYB	178, 125, 139
Decimal	11697547
CIELab	58.00, 22.66, 0.70
CIELCh	58, 22.667, 1.763
Yxy	25.9610, 0.3605, 0.3088
Android (android.graphics.Color)	4289887627 (0xFFB27D8B)
YUV	142.4430, -1.6974, 31.1835
Hunter-Lab	50.9519, 17.0386, 3.3099

Details

The CIELCh color **58, 22.667, 1.763** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **69, 20.528, 175.632**, and the grayscale version is **59, 0.008, 296.813**.

A 20% lighter version of the original color is **78, 22.795, 2.430**, and **38, 22.788, 1.486** is the 20% darker color. If you saturate the color by 10%, you get **53, 30.681, 3.305**, and if you desaturate by 10%, it is **63, 14.783, 0.476**.

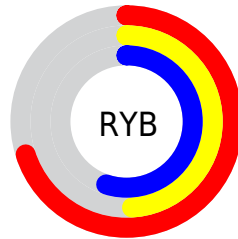
Distribution



Red (70%)

Green (49%)

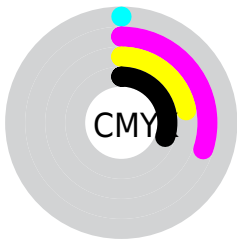
Blue (55%)



Red (70%)

Yellow (49%)

Blue (55%)

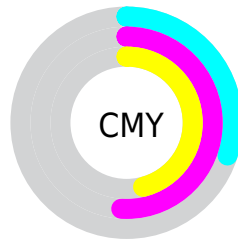


Cyan (0%)

Magenta (30%)

Yellow (22%)

Black (30%)



Cyan (30%)

Magenta (51%)

Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 58, 22.667, 1.763 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, 22.667, 1.763 by changing the saturation by 10% instead.

■ 58, 22.667, 1.763

■ 58, 22.667, 1.763

■ 100, 22.667, 1.763

■ 48, 22.667, 1.763

■ 78, 22.667, 1.763

■ 38, 22.667, 1.763

■ 88, 22.667, 1.763

■ 28, 22.667, 1.763

■ 98, 22.667, 1.763

■ 18, 22.667, 1.763

■ 8, 22.667, 1.763

■ 0, 22.667, 1.763

■ 58, 22.667, 1.763

■ 58, 22.667, 1.763

■ 53, 30.681, 3.305

■ 63, 14.783, 0.476

■ 49, 38.633, 5.185

■ 68, 7.157, 359.356

46, 46.238, 7.524

73, 0.149, 181.485

42, 53.163, 10.474

78, 7.114, 177.716

40, 59.102, 14.196

83, 13.738,
176.952

38, 63.928, 18.795

88, 20.039,
176.284

37, 68.025, 23.996

37, 68.118, 24.103

93, 26.039,
175.685

95, 25.955,
184.725

95, 24.576,
197.902

Harmonies

Complementary

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



58, 22.667, 1.763



69, 20.528, 175.632

Rectangle

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



58, 22.667, 1.763



58, 22.667, 51.763



58, 22.667, 181.763



58, 22.667, 231.763

Sweetspot

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



58, 22.665, 1.766



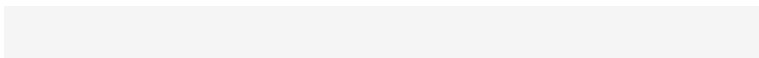
86, 8.159, 359.288



58, 33.266, 318.043



45, 5.733, 359.443



96, 0.011, 296.813



49, 0.007, 296.813

Same Dimension

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



58, 22.665, 1.766



70, 34.333, 2.787



61, 18.570, 42.635



35, 4.149, 359.306



32, 60.661, 23.355



2, 9.585, 2.945

Inverse Universe

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



58, 22.665, 1.766



70, 34.333, 2.787



65, 15.253, 225.296



35, 4.149, 359.306



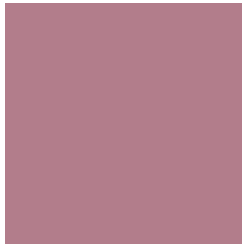
32, 60.661, 23.355



2, 9.585, 2.945

Previews

White Background



This preview shows how the CIELCh color 58, 22.667, 1.763 looks on a white background.

Color Contrast Check

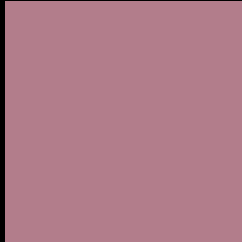
Large Text (above 18pt) WCAG AA ✓ Pass

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, 22.667, 1.763 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

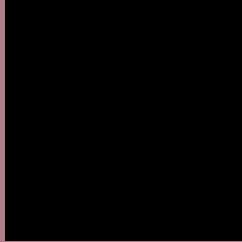
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 58, 22.667, 1.763

Background



This preview shows how black text looks on a background with the CIELCh color 58, 22.667, 1.763.



This preview shows how white text looks on a background with the CIELCh color 58, 22.667, 1.763.

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, 22.667, 1.763

Protanopia

58, 4.573, 295.508

Deuteranopia

58, 7.684, 11.708



Tritanopia
58, 21.318, 8.152

Trichromacy



Original Color
58, 22.667, 1.763

Protanomaly
58, 9.709, 344.694

Deuteranomaly
58, 13.432, 3.769

Tritanomaly
58, 21.399, 6.668

Monochromacy



Original Color
58, 22.667, 1.763

Achromatopsia
59, 0.008, 296.813

Achromatomaly
59, 8.051, 359.678

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 58, 22.667, 1.763 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(178, 125, 139)` looks like.

```
.text, #text, p{  
    color:rgb(178, 125, 139)  
}
```

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(178, 125, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 125, 139) }
```

Border

The CSS property to change the border of an element to CIELCh 58, 22.667, 1.763 is called "border". The border property can be set on classes, ids or directly on the HTML element.

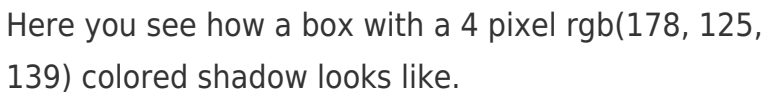
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(178, 125, 139) }
```

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

```
.border{ border-color:rgb(178, 125, 139) }
```

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



Here you see how a box with a 4 pixel `rgb(178, 125, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(178, 125, 139); -webkit-box-shadow:4px 4px 4px 4px rgb(178, 125, 139); box-shadow:4px 4px 4px 4px rgb(178, 125, 139) }
```

Background

The CSS property to change the background color of an element to CIELCh 58, 22.667, 1.763 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 125, 139) }
```

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

```
.background{ background-color: rgb(178,  
125, 139) }
```

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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