

Converting Colors

CIELCh(58, 50.204, 2.026)

Have a look what the booklet for
CIELCh(58, 50.204, 2.026) contains.

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Color

CIELCh(58, 50.370, 2.216)

Conversions

Conversions Part 1

Format	Color
Hex	DB648A
RGB	219, 100, 138
RGB Percent	86%, 39%, 54%
CMY	0.1417, 0.6083, 0.4593
CMYK	0.00, 0.54, 0.37, 0.14
HSL	341°, 62%, 62%
HSV	341°, 54%, 86%
XYZ	38.2965, 25.9610, 26.9922
YIQ	139.9130, 58.7260, 37.0460

Conversions

Conversions Part 2

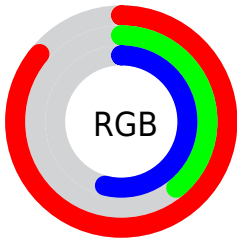
Format	Color
R _Y B	219, 100, 138
Decimal	14378122
CIE Lab	58.00, 50.33, 1.95
CIE LCh	58, 50.370, 2.216
Yxy	25.9610, 0.4197, 0.2845
Android (android.graphics.Color)	4292568202 (0xFFDB648A)
YUV	139.9130, -0.9431, 69.3593
Hunter-Lab	50.9519, 44.9982, 4.2569

Details

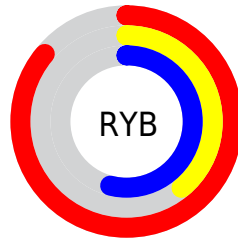
The CIELCh color $58, 50.370, 2.216$ is a light color, and the websafe version is hex `CC6699`. A complement of this color would be $80, 43.402, 168.561$, and the grayscale version is $58, 0.007, 296.813$.

A 20% lighter version of the original color is $75, 41.813, 356.534$, and $38, 50.332, 2.243$ is the 20% darker color. If you saturate the color by 10%, you get $54, 58.723, 4.744$, and if you desaturate by 10%, it is $63, 41.240, 0.199$.

Distribution



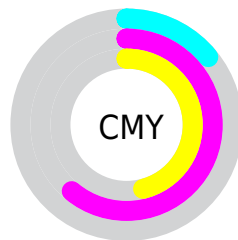
- Red (86%)
- Green (39%)
- Blue (54%)



- Red (86%)
- Yellow (39%)
- Blue (54%)



- Cyan (0%)
- Magenta (54%)
- Yellow (37%)
- Black (14%)



- Cyan (14%)
- Magenta (61%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 58, 50.370, 2.216 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, 50.370, 2.216 by changing the saturation by 10% instead.

■ 58, 50.370, 2.216

■ 58, 50.370, 2.216

■ 100, 50.370, 2.216

■ 48, 50.370, 2.216

■ 78, 50.370, 2.216

■ 38, 50.370, 2.216

■ 88, 50.370, 2.216

■ 28, 50.370, 2.216

■ 98, 50.370, 2.216

■ 18, 50.370, 2.216

■ 8, 50.370, 2.216

■ 0, 50.370, 2.216

■ 58, 50.370, 2.216

■ 58, 50.370, 2.216

■ 54, 58.723, 4.744

■ 63, 41.240, 0.199

■ 51, 65.872, 7.946

■ 68, 31.756,

48, 71.508, 11.995

358.553

47, 75.663, 16.983

73, 22.234,
357.179

46, 77.704, 20.037

79, 12.887,
356.000

85, 3.841, 354.902

91, 4.843, 174.253

97, 13.143,
173.400

98, 12.170,
198.693

Harmonies

Complementary

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



58, 50.370, 2.216



80, 43.402, 168.561

Rectangle

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



58, 50.370, 2.216



58, 50.370, 52.216



58, 50.370, 182.216



58, 50.370, 232.216

Sweetspot

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



58, 50.367, 2.218



89, 16.303, 356.198



56, 70.794, 316.925



46, 11.048, 356.436



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



58, 50.367, 2.218



62, 66.946, 5.088



61, 46.152, 37.423



43, 5.054, 355.466



36, 65.009, 19.052



6, 23.953, 5.914

Inverse Universe

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



58, 50.367, 2.218



62, 66.946, 5.088



75, 30.095, 218.537



43, 5.054, 355.466



36, 65.009, 19.052



6, 23.953, 5.914

Previews

White Background



This preview shows how the CIELCh color 58, 50.370, 2.216 looks on a white background.

Color Contrast Check

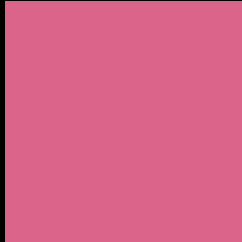
Large Text (above 18pt) WCAG AA ✓ Pass

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, 50.370, 2.216 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

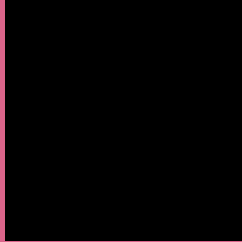
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 58, 50.370, 2.216

Background



This preview shows how black text looks on a background with the CIELCh color 58, 50.370, 2.216.

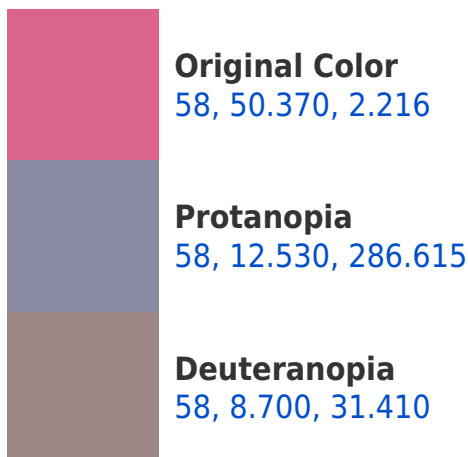


This preview shows how white text looks on a background with the CIELCh color 58, 50.370, 2.216.

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





Tritanopia
58, 47.669, 20.983

Trichromacy



Original Color
58, 50.370, 2.216

Protanomaly
57, 22.397, 336.738

Deuteranomaly
57, 24.090, 6.022

Tritanomaly
58, 48.188, 14.188

Monochromacy



Original Color
58, 50.370, 2.216

Achromatopsia
58, 0.007, 296.813

Achromatomaly
57, 19.278, 357.417

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 58, 50.370, 2.216 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(219, 100, 138)` looks like.

```
.text, #text, p{  
    color:rgb(219, 100, 138)  
}
```

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(219, 100, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 100, 138) }
```

Border

The CSS property to change the border of an element to CIELCh 58, 50.370, 2.216 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(219, 100, 138) }
```

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

```
.border{ border-color:rgb(219, 100, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 100, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 100, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 100, 138);  
box-shadow:4px 4px 4px 4px rgb(219, 100,  
138) }
```

Background

The CSS property to change the background color of an element to CIELCh 58, 50.370, 2.216 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 100, 138) }
```

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

```
.background{ background-color: rgb(219,  
100, 138) }
```

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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