

Converting Colors

CIELCh(58, 50.624, 3.084)

Have a look what the booklet for
CIELCh(58, 50.624, 3.084) contains.

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Color

CIELCh(58, 50.624, 3.084)

Conversions

Conversions Part 1

Format	Color
Hex	DC6489
RGB	220, 100, 137
RGB Percent	86%, 39%, 54%
CMY	0.1392, 0.6096, 0.4644
CMYK	0.00, 0.55, 0.38, 0.14
HSL	341°, 63%, 63%
HSV	341°, 55%, 86%
XYZ	38.3644, 25.9610, 26.4952
YIQ	140.0980, 59.6430, 36.9470

Conversions

Conversions Part 2

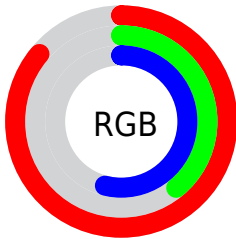
Format	Color
R _Y B	220, 100, 137
Decimal	14443657
CIE Lab	58.00, 50.55, 2.72
CIE LCh	58, 50.624, 3.084
Yxy	25.9610, 0.4224, 0.2858
Android (android.graphics.Color)	4292633737 (0xFFDC6489)
YUV	140.0980, -1.5273, 70.0741
Hunter-Lab	50.9519, 45.2364, 4.8353

Details

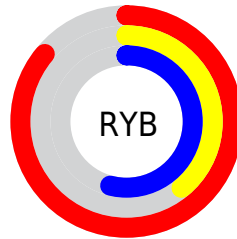
The CIELCh color **58, 50.624, 3.084** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **80, 43.277, 169.276**, and the grayscale version is **58, 0.007, 296.813**.

A 20% lighter version of the original color is **75, 41.649, 357.223**, and **38, 50.577, 3.236** is the 20% darker color. If you saturate the color by 10%, you get **54, 59.013, 5.664**, and if you desaturate by 10%, it is **63, 41.471, 1.029**.

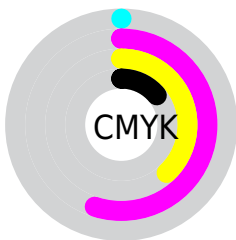
Distribution



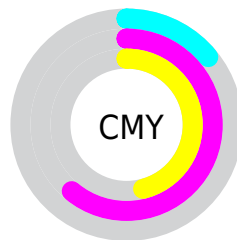
- Red (86%)
- Green (39%)
- Blue (54%)



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



- Cyan (0%)
- Magenta (55%)
- Yellow (38%)
- Black (14%)



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

Brightness & Saturation Gradients

These gradients show how the CIELCh color 58, 50.624, 3.084 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, 50.624, 3.084 by changing the saturation by 10% instead.

 58, 50.624, 3.084  58, 50.624, 3.084

 100, 50.624, 3.084  48, 50.624, 3.084

 78, 50.624, 3.084  38, 50.624, 3.084

 88, 50.624, 3.084  28, 50.624, 3.084

 98, 50.624, 3.084  18, 50.624, 3.084

 8, 50.624, 3.084

 0, 50.624, 3.084

 58, 50.624, 3.084  58, 50.624, 3.084

 54, 59.013, 5.664  63, 41.471, 1.029

 51, 66.216, 8.934  68, 31.974,

■ 48, 71.939, 13.063 359.356

■ 47, 76.228, 18.125 ■ 73, 22.449,
357.964

■ 46, 78.273, 21.041 ■ 79, 13.108,
356.773

■ 85, 4.076, 355.672

■ 91, 4.586, 175.018

■ 97, 12.859,
174.157

■ 98, 11.963,
198.707

Harmonies

Complementary

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



58, 50.624, 3.084



80, 43.277, 169.276

Rectangle

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



58, 50.624, 3.084



58, 50.624, 53.084



58, 50.624, 183.084



58, 50.624, 233.084

Sweetspot

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



58, 50.621, 3.086



89, 16.219, 356.940



56, 71.415, 317.450



46, 10.992, 357.179



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, 50.621, 3.086



62, 67.745, 6.231



62, 46.070, 38.775



43, 5.026, 356.204



36, 65.312, 20.041



6, 23.921, 6.492

Inverse Universe

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



58, 50.621, 3.086



62, 67.745, 6.231



75, 30.056, 221.066



43, 5.026, 356.204



36, 65.312, 20.041



6, 23.921, 6.492

Previews

White Background



This preview shows how the CIELCh color 58, 50.624, 3.084 looks on a white background.

Color Contrast Check

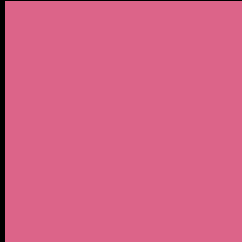
Large Text (above 18pt) WCAG AA ✓ Pass

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, 50.624, 3.084 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

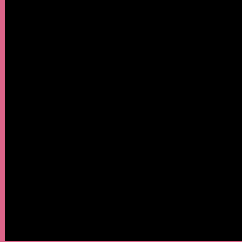
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 58, 50.624, 3.084

Background



This preview shows how black text looks on a background with the CIELCh color 58, 50.624, 3.084.

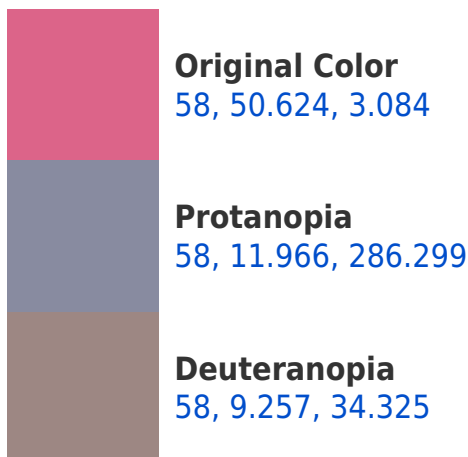


This preview shows how white text looks on a background with the CIELCh color 58, 50.624, 3.084.

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, 48.450, 20.578

Trichromacy



Original Color
58, 50.624, 3.084

Protanomaly
57, 21.661, 338.936

Deuteranomaly
57, 24.408, 7.651

Tritanomaly
58, 48.989, 13.908

Monochromacy



Original Color
58, 50.624, 3.084

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, 50.624, 3.084 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(220, 100, 137)` looks like.

```
.text, #text, p{  
    color:rgb(220, 100, 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(220, 100, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 100, 137) }
```

Border

The CSS property to change the border of an element to CIELCh 58, 50.624, 3.084 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(220, 100, 137) }
```

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

```
.border{ border-color:rgb(220, 100, 137) }
```

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

Here you see how a box with a 4 pixel rgb(220, 100, 137) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 100, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 100, 137);  
box-shadow:4px 4px 4px 4px rgb(220, 100,  
137) }
```

Background

The CSS property to change the background color of an element to CIELCh 58, 50.624, 3.084 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 100, 137) }
```

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

```
.background{ background-color: rgb(220,  
100, 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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