

Converting Colors

CIELCh(58, 53.097, 355.407)

Have a look what the booklet for
CIELCh(58, 53.097, 355.407)
contains.

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Color

CIELCh(58, 53.075, 355.360)

Conversions

Conversions Part 1

Format	Color
Hex	DC6295
RGB	220, 98, 149
RGB Percent	86%, 38%, 58%
CMY	0.1390, 0.6173, 0.4172
CMYK	0.00, 0.56, 0.32, 0.14
HSL	335°, 63%, 62%
HSV	335°, 56%, 86%
XYZ	39.1012, 25.9610, 31.2179
YIQ	140.2920, 56.3410, 41.7250

Conversions

Conversions Part 2

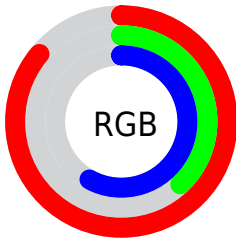
Format	Color
R _Y B	220, 98, 149
Decimal	14443157
CIE Lab	58.00, 52.90, -4.29
CIE LCh	58, 53.075, 355.360
Yxy	25.9610, 0.4061, 0.2696
Android (android.graphics.Color)	4292633237 (0xFFDC6295)
YUV	140.2920, 4.2930, 69.9039
Hunter-Lab	50.9519, 47.8174, -0.6603

Details

The CIELCh color **58, 53.075, 355.360** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **80, 48.392, 162.047**, and the grayscale version is **58, 0.007, 296.813**.

A 20% lighter version of the original color is **75, 45.396, 348.271**, and **38, 52.895, 355.439** is the 20% darker color. If you saturate the color by 10%, you get **54, 61.043, 357.576**, and if you desaturate by 10%, it is **63, 44.042, 353.569**.

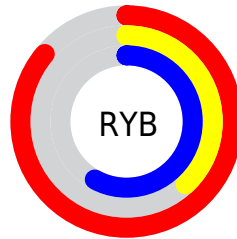
Distribution



Red (86%)

Green (38%)

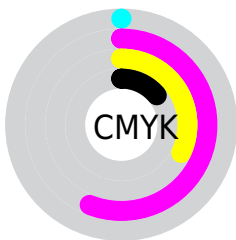
Blue (58%)



Red (86%)

Yellow (38%)

Blue (58%)

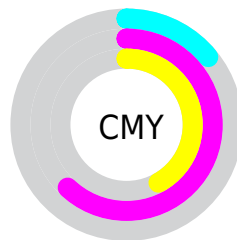


Cyan (0%)

Magenta (56%)

Yellow (32%)

Black (14%)



Cyan (14%)


Magenta (62%)


Yellow (42%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 58, 53.075, 355.360 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, 53.075, 355.360 by changing the saturation by 10% instead.


 58, 53.075,
355.360


 58, 53.075,
355.360


 100, 53.075,
355.360

 48, 53.075,
355.360


 78, 53.075,
355.360

 38, 53.075,
355.360

 88, 53.075,
355.360

 28, 53.075,
355.360

 98, 53.075,
355.360

 18, 53.075,
355.360

 8, 53.075, 355.360

 0, 53.075, 355.360

58, 53.075,
355.360

58, 53.075,
355.360

54, 61.043,
357.576

63, 44.042,
353.569

51, 67.468, 0.368

68, 34.422,
352.084

49, 72.006, 3.915

73, 24.585,
350.821

47, 74.681, 8.367

47, 75.606, 10.535

79, 14.791,
349.720

84, 5.202, 348.703

90, 4.090, 168.051

96, 13.043,
167.200

97, 12.277,
188.530

■ 98, 11.949,
198.708

Harmonies

Complementary

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



58, 53.075, 355.360



80, 48.392, 162.047

Rectangle

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



58, 53.075, 355.360



58, 53.075, 45.360



58, 53.075, 175.360



58, 53.075, 225.360

Sweetspot

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



58, 53.072, 355.361



89, 18.299, 349.887



54, 71.914, 313.898



46, 12.271, 350.104



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, 53.072, 355.361



62, 69.955, 358.087



58, 50.831, 30.427



43, 5.349, 349.099



37, 63.328, 9.635



6, 24.404, 0.047

Inverse Universe

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



58, 53.072, 355.361



62, 69.955, 358.087



79, 32.938, 204.832



43, 5.349, 349.099



37, 63.328, 9.635



6, 24.404, 0.047

Previews

White Background



This preview shows how the CIELCh color 58, 53.075, 355.360 looks on a white background.

Color Contrast Check

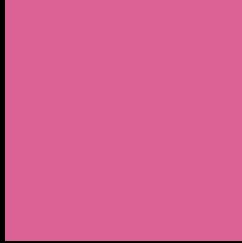
Large Text (above 18pt) WCAG AA ✓ Pass

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, 53.075, 355.360 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, 53.075, 355.360

Background



This preview shows how black text looks on a background with the CIELCh color 58, 53.075, 355.360.

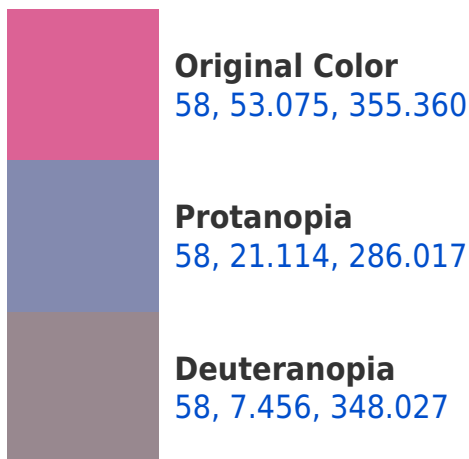


This preview shows how white text looks on a background with the CIELCh color 58, 53.075, 355.360.

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, 53.075, 355.360



Protanomaly
57, 28.198, 324.444



Deuteranomaly
57, 25.196, 351.445

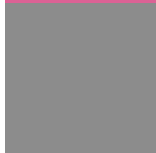


Tritanomaly
58, 48.523, 11.109

Monochromacy



Original Color
58, 53.075, 355.360



Achromatopsia
58, 0.007, 296.813



Achromatomaly
57, 20.150, 351.400

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 58, 53.075, 355.360 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, 98, 149)` looks like.

```
.text, #text, p{  
    color:rgb(220, 98, 149)  
}
```

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, 98, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 98, 149) }
```

Border

The CSS property to change the border of an element to CIELCh 58, 53.075, 355.360 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, 98, 149) }
```

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

```
.border{ border-color:rgb(220, 98, 149) }
```

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

Here you see how a box with a 4 pixel rgb(220, 98, 149) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 98, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 98, 149);  
box-shadow:4px 4px 4px 4px rgb(220, 98,  
149) }
```

Background

The CSS property to change the background color of an element to CIELCh 58, 53.075, 355.360 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 98, 149) }
```

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

```
.background{ background-color: rgb(220, 98,  
149) }
```

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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