

Converting Colors

CIELCh(58, 45.342, 354.398)

Have a look what the booklet for
CIELCh(58, 45.342, 354.398)
contains.

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Color

CIELCh(58, 45.324, 353.905)

Conversions

Conversions Part 1

Format	Color
Hex	D06A95
RGB	208, 106, 149
RGB Percent	82%, 42%, 58%
CMY	0.1835, 0.5836, 0.4150
CMYK	0.00, 0.49, 0.28, 0.18
HSL	335°, 52%, 62%
HSV	335°, 49%, 82%
XYZ	36.6819, 25.9610, 31.5879
YIQ	141.4000, 46.9890, 34.9970

Conversions

Conversions Part 2

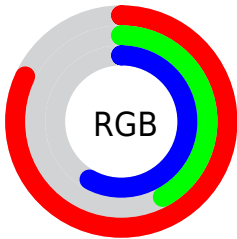
Format	Color
R _{YB}	208, 106, 149
Decimal	13658773
CIE Lab	58.00, 45.07, -4.81
CIE LCh	58, 45.324, 353.905
Yxy	25.9610, 0.3893, 0.2755
Android (android.graphics.Color)	4291848853 (0xFFD06A95)
YUV	141.4000, 3.7468, 58.4082
Hunter-Lab	50.9519, 39.3419, -1.0907

Details

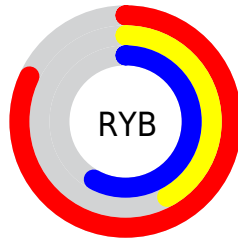
The CIELCh color **58, 45.324, 353.905** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **77, 41.681, 162.836**, and the grayscale version is **59, 0.008, 296.813**.

A 20% lighter version of the original color is **77, 41.466, 350.192**, and **38, 45.087, 354.346** is the 20% darker color. If you saturate the color by 10%, you get **54, 53.691, 355.805**, and if you desaturate by 10%, it is **63, 36.244, 352.343**.

Distribution



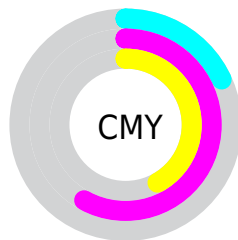
- Red (82%)
- Green (42%)
- Blue (58%)



- Red (82%)
- Yellow (42%)
- Blue (58%)



- Cyan (0%)
- Magenta (49%)
- Yellow (28%)
- Black (18%)





- Cyan (18%)
- Magenta (58%)
- Yellow (42%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 58, 45.324, 353.905 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, 45.324, 353.905 by changing the saturation by 10% instead.


 58, 45.324,
353.905

 58, 45.324,
353.905


 100, 45.324,
353.905


 48, 45.324,
353.905


 78, 45.324,
353.905

 38, 45.324,
353.905

 88, 45.324,
353.905

 28, 45.324,
353.905

 98, 45.324,
353.905

 18, 45.324,
353.905

 8, 45.324, 353.905

 0, 45.324, 353.905

58, 45.324,
353.905

58, 45.324,
353.905

54, 53.691,
355.805

63, 36.244,
352.343

50, 60.888,
358.165

68, 26.848,
351.024

48, 66.470, 1.150

73, 17.418,
349.882

46, 70.198, 4.936

79, 8.137, 348.860

45, 72.389, 9.561

84, 0.885, 168.537

44, 72.606, 10.036

90, 9.594, 167.282

96, 17.971,
166.537

97, 16.662,
181.449

■ 97, 15.564,
198.470

Harmonies

Complementary

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



58, 45.324, 353.905



77, 41.681, 162.836

Rectangle

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



58, 45.324, 353.905



58, 45.324, 43.905



58, 45.324, 173.905



58, 45.324, 223.905

Sweetspot

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



58, 45.321, 353.906



90, 16.133, 349.482



55, 60.847, 313.619



47, 11.038, 349.703



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, 45.321, 353.906



65, 63.192, 355.952



58, 42.019, 29.295



41, 5.153, 348.901



36, 61.918, 9.199



5, 21.141, 358.847

Inverse Universe

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



58, 45.321, 353.906



65, 63.192, 355.952



76, 28.948, 204.703



41, 5.153, 348.901



36, 61.918, 9.199



5, 21.141, 358.847

Previews

White Background



This preview shows how the CIELCh color 58, 45.324, 353.905 looks on a white background.

Color Contrast Check

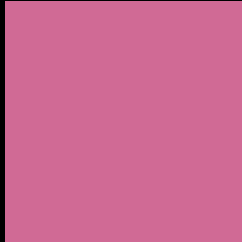
Large Text (above 18pt) WCAG AA ✓ Pass

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, 45.324, 353.905 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

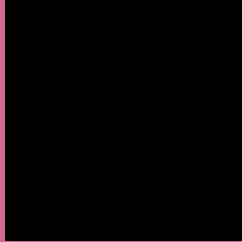
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 58, 45.324, 353.905

Background



This preview shows how black text looks on a background with the CIELCh color 58, 45.324, 353.905.

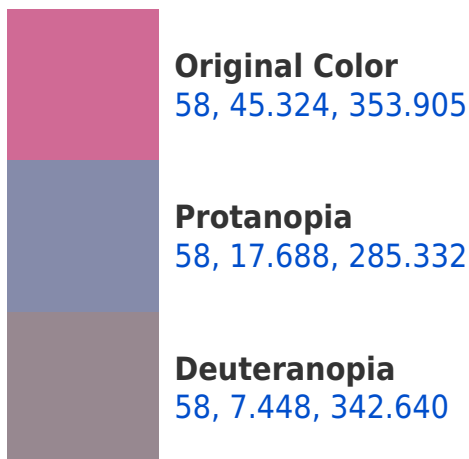


This preview shows how white text looks on a background with the CIELCh color 58, 45.324, 353.905.

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, 39.685, 17.981

Trichromacy



Original Color
58, 45.324, 353.905

Protanomaly
57, 23.507, 323.976

Deuteranomaly
58, 21.931, 349.222

Tritanomaly
58, 40.829, 8.267

Monochromacy



Original Color
58, 45.324, 353.905

Achromatopsia
59, 0.008, 296.813

Achromatomaly
58, 17.159, 349.530

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 58, 45.324, 353.905 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(208, 106, 149)` looks like.

```
.text, #text, p{  
    color:rgb(208, 106, 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(208, 106, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 106, 149) }
```

Border

The CSS property to change the border of an element to CIELCh 58, 45.324, 353.905 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(208, 106, 149) }
```

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

```
.border{ border-color:rgb(208, 106, 149) }
```

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

Here you see how a box with a 4 pixel `rgb(208, 106, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 106, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 106, 149);  
box-shadow:4px 4px 4px 4px rgb(208, 106,  
149) }
```

Background

The CSS property to change the background color of an element to CIELCh 58, 45.324, 353.905 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 106, 149) }
```

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

```
.background{ background-color: rgb(208,  
106, 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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