

Converting Colors

CIELCh(58, 77.245, 326.622)

Have a look what the booklet for
CIELCh(58, 77.245, 326.622)
contains.

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Color

CIELCh(58, 77.189, 326.657)

Conversions

Conversions Part 1

Format	Color
Hex	D459D7
RGB	212, 89, 215
RGB Percent	83%, 35%, 84%
CMY	0.1696, 0.6519, 0.1578
CMYK	0.01, 0.59, 0.00, 0.16
HSL	299°, 61%, 60%
HSV	299°, 59%, 84%
XYZ	42.8697, 25.9610, 66.8833
YIQ	140.1410, 32.8620, 65.2620

Conversions

Conversions Part 2

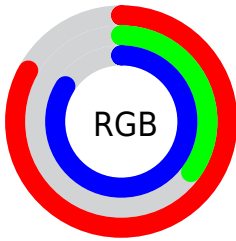
Format	Color
R_{YB}	212, 89, 215
Decimal	13916631
CIE _{Lab}	58.00, 64.48, -42.43
CIE _{LCh}	58, 77.189, 326.657
Yxy	25.9610, 0.3159, 0.1913
Android (android.graphics.Color)	4292106711 (0xFFD459D7)
YUV	140.1410, 36.9055, 63.0203
Hunter-Lab	50.9519, 61.0197, -42.1621

Details

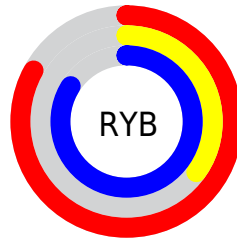
The CIELCh color **58, 77.189, 326.657** is a light color, and the websafe version is hex **CC66CC**. The color can be described as light muted magenta. A complement of this color would be **77, 77.759, 138.958**, and the grayscale version is **58, 0.007, 296.813**.

A 20% lighter version of the original color is **75, 67.933, 326.747**, and **38, 77.213, 326.502** is the 20% darker color. If you saturate the color by 10%, you get **55, 86.842, 326.966**, and if you desaturate by 10%, it is **62, 65.737, 326.266**.

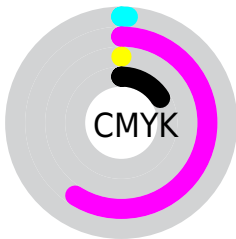
Distribution



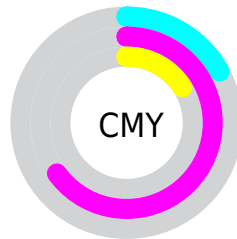
- Red (83%)
- Green (35%)
- Blue (84%)



- Red (83%)
- Yellow (35%)
- Blue (84%)



- Cyan (1%)
- Magenta (59%)
- Yellow (0%)
- Black (16%)




- Cyan (17%)
- Magenta (65%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 58, 77.189, 326.657 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, 77.189, 326.657 by changing the saturation by 10% instead.


 58, 77.189,
326.657

 58, 77.189,
326.657


 100, 77.189,
326.657


 48, 77.189,
326.657


 78, 77.189,
326.657

 38, 77.189,
326.657

 88, 77.189,
326.657

 28, 77.189,
326.657

 98, 77.189,
326.657

 18, 77.189,
326.657

 8, 77.189, 326.657

 0, 77.189, 326.657

58, 77.189,
326.657

58, 77.189,
326.657

55, 86.842,
326.966

62, 65.737,
326.266

53, 94.209,
327.176

66, 53.038,
325.812

51, 98.993,
327.279

71, 39.585,
325.313

50, 101.379,
327.284

76, 25.779,
324.788

50, 101.630,
327.282

81, 11.914,
324.244

87, 1.808, 143.885

92, 15.257,
143.237

96, 24.959,
142.775

■ 96, 24.855,
142.447

Harmonies

Complementary

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



58, 77.189, 326.657



77, 77.759, 138.958

Rectangle

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



58, 77.189, 326.657



58, 77.189, 16.657



58, 77.189, 146.657



58, 77.189, 196.657

Sweetspot

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



58, 77.187, 326.657



89, 28.572, 324.762



45, 71.859, 298.190



46, 19.866, 324.918



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, 77.187, 326.657



64, 100.776, 327.017



56, 57.565, 348.331



42, 7.789, 324.286



40, 85.697, 327.297



6, 32.812, 327.206

Inverse Universe

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



54, 55.175, 25.508



59, 76.892, 29.163



78, 55.205, 155.420



42, 4.549, 17.996



35, 76.337, 38.924



5, 21.981, 18.703

Previews

White Background



This preview shows how the CIELCh color 58, 77.189, 326.657 looks on a white background.

Color Contrast Check

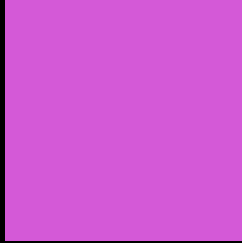
Large Text (above 18pt) WCAG AA ✓ Pass

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, 77.189, 326.657 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

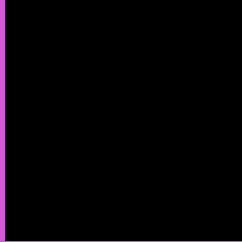
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 58, 77.189, 326.657

Background



This preview shows how black text looks on a background with the CIELCh color 58, 77.189, 326.657.

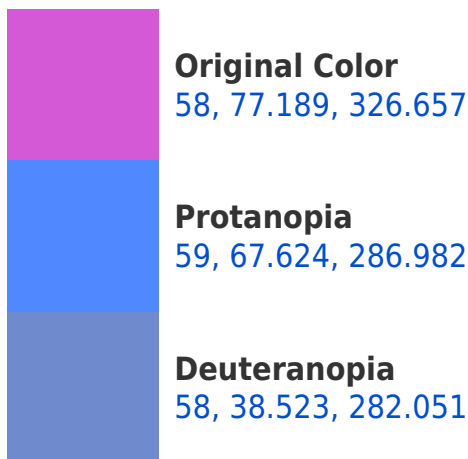


This preview shows how white text looks on a background with the CIELCh color 58, 77.189, 326.657.

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, 36.617, 16.125

Trichromacy



Original Color
58, 77.189, 326.657



Protanomaly
56, 68.996, 299.494



Deuteranomaly
57, 51.063, 305.087



Tritanomaly
58, 46.516, 348.215

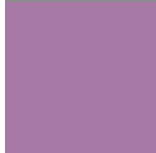
Monochromacy



Original Color
58, 77.189, 326.657



Achromatopsia
58, 0.007, 296.813



Achromatomaly
57, 31.026, 325.292

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 58, 77.189, 326.657 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(212, 89, 215)` looks like.

```
.text, #text, p{  
    color:rgb(212, 89, 215)  
}
```

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(212, 89, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 89, 215) }
```

Border

The CSS property to change the border of an element to CIELCh 58, 77.189, 326.657 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(212, 89, 215) }
```

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

```
.border{ border-color:rgb(212, 89, 215) }
```

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

Here you see how a box with a 4 pixel rgb(212, 89, 215) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 89, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 89, 215);  
box-shadow:4px 4px 4px 4px rgb(212, 89,  
215) }
```

Background

The CSS property to change the background color of an element to CIELCh 58, 77.189, 326.657 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 89, 215) }
```

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

```
.background{ background-color: rgb(212, 89,  
215) }
```

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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