

Converting Colors

CIELCh(56, 55.715, 347.739)

Have a look what the booklet for
CIELCh(56, 55.715, 347.739)
contains.

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Color

CIELCh(56, 55.783, 347.828)

Conversions

Conversions Part 1

Format	Color
Hex	D45B9C
RGB	212, 91, 156
RGB Percent	83%, 36%, 61%
CMY	0.1682, 0.6428, 0.3879
CMYK	0.00, 0.57, 0.26, 0.17
HSL	328°, 59%, 59%
HSV	328°, 57%, 83%
XYZ	36.9366, 23.9124, 34.1605
YIQ	134.5890, 51.2510, 45.8670

Conversions

Conversions Part 2

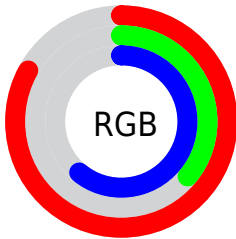
Format	Color
R_{YB}	212, 91, 156
Decimal	13917084
CIE _{Lab}	56.00, 54.53, -11.76
CIE _{LCh}	56, 55.783, 347.828
Yxy	23.9124, 0.3888, 0.2517
Android (android.graphics.Color)	4292107164 (0xFFD45B9C)
YUV	134.5890, 10.5556, 67.8894
Hunter-Lab	48.9003, 49.2533, -7.1883

Details

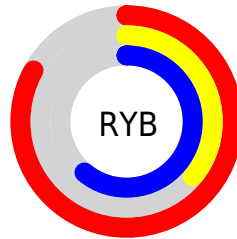
The CIELCh color **56, 55.783, 347.828** is a light color, and the websafe version is hex **CC6699**. The color can be described as light muted rose. A complement of this color would be **77, 53.524, 155.494**, and the grayscale version is **56, 0.007, 296.813**.

A 20% lighter version of the original color is **74, 51.512, 342.637**, and **36, 55.880, 347.656** is the 20% darker color. If you saturate the color by 10%, you get **52, 63.328, 349.572**, and if you desaturate by 10%, it is **60, 46.921, 346.381**.

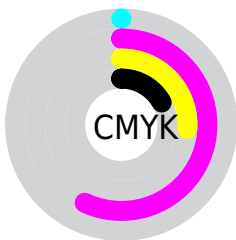
Distribution



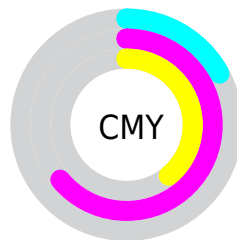
- Red (83%)
- Green (36%)
- Blue (61%)



- Red (83%)
- Yellow (36%)
- Blue (61%)



- Cyan (0%)
- Magenta (57%)
- Yellow (26%)
- Black (17%)





- Cyan (17%)
- Magenta (64%)
- Yellow (39%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 56, 55.783, 347.828 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 56, 55.783, 347.828 by changing the saturation by 10% instead.


 56, 55.783,
347.828


 56, 55.783,
347.828


 100, 55.783,
347.828


 46, 55.783,
347.828


 76, 55.783,
347.828

 36, 55.783,
347.828

 86, 55.783,
347.828

 26, 55.783,
347.828

 96, 55.783,
347.828

 16, 55.783,
347.828

 6, 55.783, 347.828

 0, 55.783, 347.828

56, 55.783,
347.828

56, 55.783,
347.828

52, 63.328,
349.572

60, 46.921,
346.381

49, 69.054,
351.726

65, 37.253,
345.147

47, 72.601,
354.435

70, 27.189,
344.068

46, 74.006,
357.834

75, 17.028,
343.104

46, 74.263,
358.912

81, 6.969, 342.208

87, 2.867, 161.625

92, 12.415,
160.794

97, 18.294,
163.555

■ 97, 15.684,
178.264

Harmonies

Complementary

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



56, 55.783, 347.828



77, 53.524, 155.494

Rectangle

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



56, 55.783, 347.828



56, 55.783, 37.828



56, 55.783, 167.828



56, 55.783, 217.828

Sweetspot

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



56, 55.780, 347.829



89, 19.718, 343.116



50, 71.417, 310.485



46, 13.211, 343.304



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



56, 55.780, 347.829



62, 74.027, 349.899



54, 52.446, 23.208



42, 5.671, 342.420



37, 63.330, 358.275



5, 23.937, 351.730

Inverse Universe

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



56, 55.780, 347.829



62, 74.027, 349.899



78, 35.787, 191.634



42, 5.671, 342.420



37, 63.330, 358.275



5, 23.937, 351.730

Previews

White Background



This preview shows how the CIELCh color 56, 55.783, 347.828 looks on a white background.

Color Contrast Check

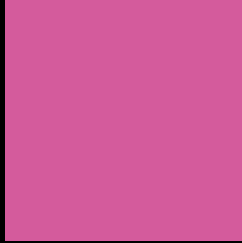
Large Text (above 18pt) WCAG AA ✓ Pass

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 56, 55.783, 347.828 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

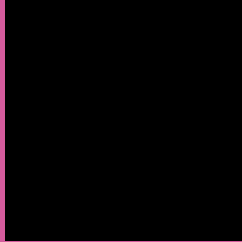
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 56, 55.783, 347.828

Background



This preview shows how black text looks on a background with the CIELCh color 56, 55.783, 347.828.

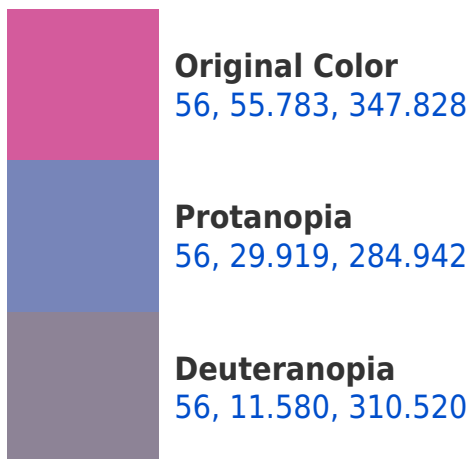


This preview shows how white text looks on a background with the CIELCh color 56, 55.783, 347.828.

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](#).

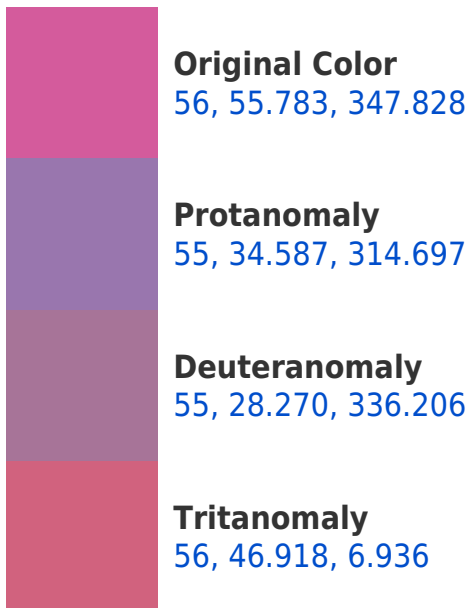
Dichromacy



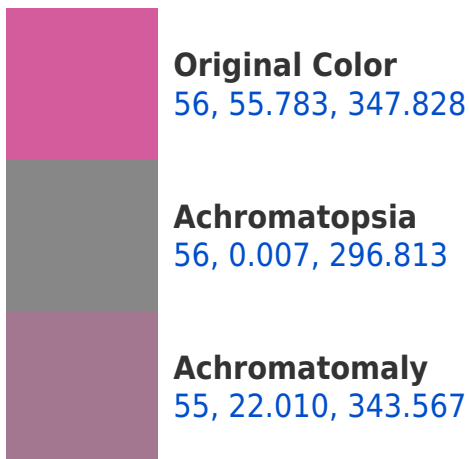


Tritanopia
56, 45.361, 20.543

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 56, 55.783, 347.828 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, 91, 156)` looks like.

```
.text, #text, p{  
    color:rgb(212, 91, 156)  
}
```

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, 91, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 91, 156) }
```

Border

The CSS property to change the border of an element to CIELCh 56, 55.783, 347.828 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, 91, 156) }
```

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

```
.border{ border-color:rgb(212, 91, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 91, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 91, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 91, 156);  
box-shadow:4px 4px 4px 4px rgb(212, 91,  
156) }
```

Background

The CSS property to change the background color of an element to CIELCh 56, 55.783, 347.828 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 91, 156) }
```

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

```
.background{ background-color: rgb(212, 91,  
156) }
```

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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