

Converting Colors

CIELCh(56, 85.555, 325.269)

Have a look what the booklet for
CIELCh(56, 85.555, 325.269)
contains.

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Color

CIELCh(56, 85.198, 325.211)

Conversions

Conversions Part 1

Format	Color
Hex	D14CDC
RGB	209, 76, 220
RGB Percent	82%, 30%, 86%
CMY	0.1801, 0.7017, 0.1370
CMYK	0.05, 0.65, 0.00, 0.14
HSL	295°, 67%, 58%
HSV	295°, 65%, 86%
XYZ	41.8270, 23.9124, 70.1634
YIQ	132.1830, 33.0440, 72.9800

Conversions

Conversions Part 2

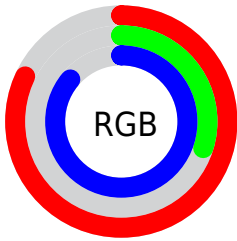
Format	Color
R_{YB}	209, 76, 220
Decimal	13716700
CIE _{Lab}	56.00, 69.97, -48.61
CIE _{LCh}	56, 85.198, 325.211
Yxy	23.9124, 0.3078, 0.1760
Android (android.graphics.Color)	4291906780 (0xFFD14CDC)
YUV	132.1830, 43.2938, 67.3685
Hunter-Lab	48.9003, 67.1048, -50.8405

Details

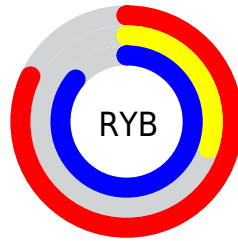
The CIELCh color **56, 85.198, 325.211** is a light color, and the websafe version is hex **CC33CC**. The color can be described as light muted magenta. A complement of this color would be **78, 85.585, 137.359**, and the grayscale version is **55, 0.007, 296.813**.

A 20% lighter version of the original color is **73, 74.128, 326.948**, and **36, 83.457, 325.171** is the 20% darker color. If you saturate the color by 10%, you get **53, 93.730, 325.381**, and if you desaturate by 10%, it is **60, 74.537, 324.926**.

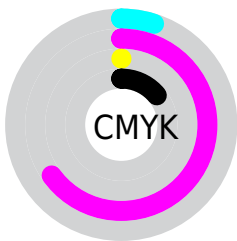
Distribution



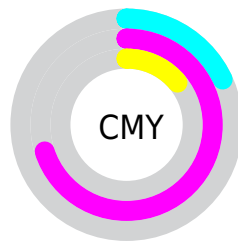
- Red (82%)
- Green (30%)
- Blue (86%)



- Red (82%)
- Yellow (30%)
- Blue (86%)



- Cyan (5%)
- Magenta (65%)
- Yellow (0%)
- Black (14%)





- Cyan (18%)
- Magenta (70%)
- Yellow (14%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 56, 85.198, 325.211 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, 85.198, 325.211 by changing the saturation by 10% instead.


 56, 85.198,
325.211


 56, 85.198,
325.211


 100, 85.198,
325.211


 46, 85.198,
325.211


 76, 85.198,
325.211

 36, 85.198,
325.211

 86, 85.198,
325.211

 26, 85.198,
325.211

 96, 85.198,
325.211

 16, 85.198,
325.211

 6, 85.198, 325.211

 0, 85.198, 325.211

56, 85.198,
325.211

56, 85.198,
325.211

53, 93.730,
325.381

60, 74.537,
324.926

51, 99.698,
325.414

64, 62.321,
324.552

50, 102.965,
325.303

69, 49.101,
324.114

49, 103.880,
325.221

74, 35.338,
323.635

79, 21.383,
323.134

85, 7.480, 322.610

90, 6.208, 142.193

96, 19.585,
141.687

■ 97, 21.026,
140.489

Harmonies

Complementary

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



56, 85.198, 325.211



78, 85.585, 137.359

Rectangle

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



56, 85.198, 325.211



56, 85.198, 15.211



56, 85.198, 145.211



56, 85.198, 195.211

Sweetspot

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



56, 85.196, 325.211



87, 31.289, 323.373



44, 78.133, 297.990



45, 21.361, 323.515



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, 85.196, 325.211



60, 107.948, 325.412



55, 65.616, 346.375



43, 7.815, 322.825



39, 86.946, 325.268



6, 34.261, 325.541

Inverse Universe

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



53, 62.033, 23.781



56, 84.323, 29.079



79, 64.488, 151.985



43, 4.655, 13.759



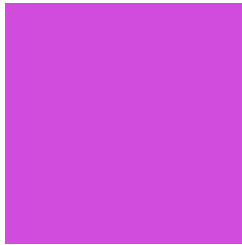
36, 75.101, 36.780



5, 23.745, 16.973

Previews

White Background



This preview shows how the CIELCh color 56, 85.198, 325.211 looks on a white background.

Color Contrast Check

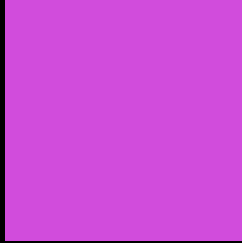
Large Text (above 18pt) WCAG AA ✓ Pass

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 56, 85.198, 325.211 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

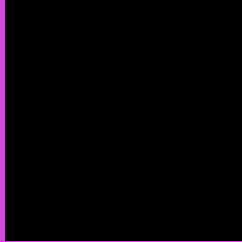
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 56, 85.198, 325.211

Background



This preview shows how black text looks on a background with the CIELCh color 56, 85.198, 325.211.

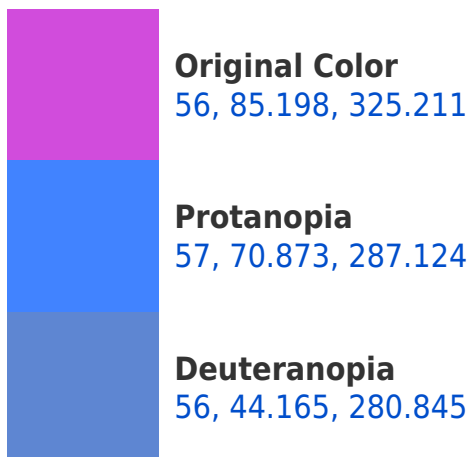


This preview shows how white text looks on a background with the CIELCh color 56, 85.198, 325.211.

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, 37.394, 17.370

Trichromacy



Original Color
56, 85.198, 325.211



Protanomaly
54, 75.125, 299.479



Deuteranomaly
54, 58.584, 303.210



Tritanomaly
55, 49.877, 346.176

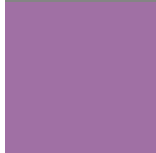
Monochromacy



Original Color
56, 85.198, 325.211



Achromatopsia
55, 0.007, 296.813



Achromatomaly
54, 34.651, 323.893

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 56, 85.198, 325.211 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(209, 76, 220)` looks like.

```
.text, #text, p{  
    color:rgb(209, 76, 220)  
}
```

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(209, 76, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 76, 220) }
```

Border

The CSS property to change the border of an element to CIELCh 56, 85.198, 325.211 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(209, 76, 220) }
```

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

```
.border{ border-color:rgb(209, 76, 220) }
```

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

Here you see how a box with a 4 pixel rgb(209, 76, 220) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 76, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 76, 220);  
box-shadow:4px 4px 4px 4px rgb(209, 76,  
220) }
```

Background

The CSS property to change the background color of an element to CIELCh 56, 85.198, 325.211 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 76, 220) }
```

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

```
.background{ background-color: rgb(209, 76,  
220) }
```

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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