

Converting Colors

CIELCh(56, 97.543, 324.801)

Have a look what the booklet for
CIELCh(56, 97.543, 324.801)
contains.

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Color

CIELCh(56, 97.493, 324.672)

Conversions

Conversions Part 1

Format	Color
Hex	D93CEA
RGB	217, 60, 234
RGB Percent	85%, 24%, 92%
CMY	0.1492, 0.7648, 0.0825
CMYK	0.07, 0.74, 0.00, 0.08
HSL	294°, 81%, 58%
HSV	294°, 74%, 92%
XYZ	45.0649, 23.9124, 80.0575
YIQ	126.7790, 37.7180, 87.3980

Conversions

Conversions Part 2

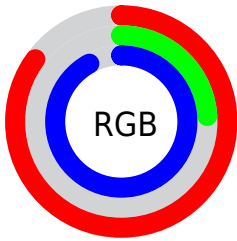
Format	Color
R _Y B	217, 60, 234
Decimal	14236906
CIE Lab	56.00, 79.54, -56.38
CIE LCh	56, 97.493, 324.672
Yxy	23.9124, 0.3024, 0.1604
Android (android.graphics.Color)	4292426986 (0xFFD93CEA)
YUV	126.7790, 52.8600, 79.1238
Hunter-Lab	48.9003, 78.9239, -62.8368

Details

The CIELCh color **56, 97.493, 324.672** is a light color, and the websafe version is hex **CC00CC**. The color can be described as light washed magenta. A complement of this color would be **82, 98.197, 136.291**, and the grayscale version is **53, 0.007, 296.813**.

A 20% lighter version of the original color is **71, 80.052, 327.139**, and **39, 88.528, 324.091** is the 20% darker color. If you saturate the color by 10%, you get **54, 104.102, 324.680**, and if you desaturate by 10%, it is **59, 88.210, 324.516**.

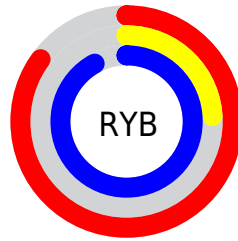
Distribution



Red (85%)

Green (24%)

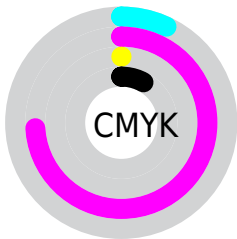
Blue (92%)



Red (85%)

Yellow (24%)

Blue (92%)

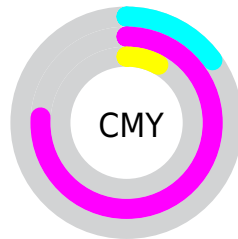


Cyan (7%)

Magenta (74%)

Yellow (0%)

Black (8%)



Cyan (15%)


Magenta (76%)


Yellow (8%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 56, 97.493, 324.672 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, 97.493, 324.672 by changing the saturation by 10% instead.


 56, 97.493,
324.672


 56, 97.493,
324.672


 100, 97.493,
324.672


 46, 97.493,
324.672


 76, 97.493,
324.672

 36, 97.493,
324.672

 86, 97.493,
324.672

 26, 97.493,
324.672

 96, 97.493,
324.672

 16, 97.493,
324.672

 6, 97.493, 324.672

 0, 97.493, 324.672

56, 97.493,
324.672

56, 97.493,
324.672

54, 104.102,
324.680

59, 88.210,
324.516

52, 107.840,
324.527

63, 76.769,
324.239

52, 109.001,
324.387

68, 63.784,
323.869


73, 49.831,
323.436

78, 35.381,
322.963

84, 20.783,
322.470

90, 6.277, 321.949

96, 7.983, 141.543

 98, 12.415,
139.331

Harmonies

Complementary

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



56, 97.493, 324.672



82, 98.197, 136.291

Rectangle

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



56, 97.493, 324.672



56, 97.493, 14.672



56, 97.493, 144.672



56, 97.493, 194.672

Sweetspot

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



56, 97.491, 324.672



86, 34.235, 322.853



42, 92.684, 299.724



44, 23.015, 322.985



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, 97.491, 324.672



57, 113.499, 324.623



55, 75.448, 346.948



46, 8.209, 322.222



40, 89.944, 324.448



8, 38.466, 324.989

Inverse Universe

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



53, 73.469, 25.536



54, 92.370, 32.118



83, 76.064, 149.622



46, 4.936, 12.056



38, 76.728, 35.895



7, 28.160, 18.721

Previews

White Background



This preview shows how the CIELCh color 56, 97.493, 324.672 looks on a white background.

Color Contrast Check

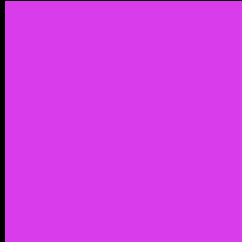
Large Text (above 18pt) WCAG AA ✓ Pass

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, 97.493, 324.672 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

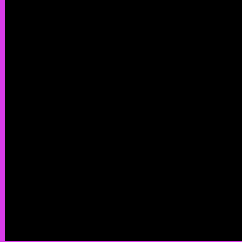
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 56, 97.493, 324.672

Background



This preview shows how black text looks on a background with the CIELCh color 56, 97.493, 324.672.

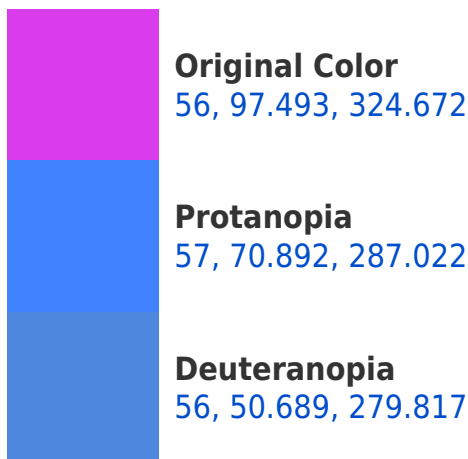


This preview shows how white text looks on a background with the CIELCh color 56, 97.493, 324.672.

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, 41.411, 19.427

Trichromacy



Original Color
56, 97.493, 324.672



Protanomaly
53, 81.484, 301.482



Deuteranomaly
53, 68.234, 302.453



Tritanomaly
55, 55.578, 345.965

Monochromacy



Original Color
56, 97.493, 324.672



Achromatopsia
53, 0.007, 296.813



Achromatomaly
52, 41.583, 323.633

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 56, 97.493, 324.672 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(217, 60, 234)` looks like.

```
.text, #text, p{  
    color:rgb(217, 60, 234)  
}
```

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(217, 60, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 60, 234) }
```

Border

The CSS property to change the border of an element to CIELCh 56, 97.493, 324.672 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(217, 60, 234) }
```

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

```
.border{ border-color:rgb(217, 60, 234) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 60, 234)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 60, 234); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 60, 234);  
box-shadow:4px 4px 4px 4px rgb(217, 60,  
234) }
```

Background

The CSS property to change the background color of an element to CIELCh 56, 97.493, 324.672 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 60, 234) }
```

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

```
.background{ background-color: rgb(217, 60,  
234) }
```

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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