

Converting Colors

CIELCh(56, 54.357, 16.806)

Have a look what the booklet for
CIELCh(56, 54.357, 16.806) contains.

CIELCh(56, 54.257, 16.434)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(56, 54.257, 16.434)

Conversions

Conversions Part 1

Format	Color
Hex	DC5B6E
RGB	220, 91, 110
RGB Percent	86%, 36%, 43%
CMY	0.1362, 0.6422, 0.5678
CMYK	0.00, 0.59, 0.50, 0.14
HSL	351°, 65%, 61%
HSV	351°, 59%, 86%
XYZ	36.1859, 23.9124, 17.5232
YIQ	131.7370, 70.7850, 33.2570

Conversions

Conversions Part 2

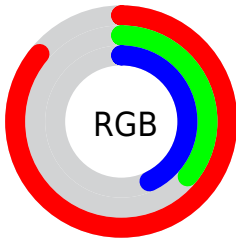
Format	Color
R _Y B	220, 91, 110
Decimal	14441326
CIE Lab	56.00, 52.04, 15.35
CIE LCh	56, 54.257, 16.434
Yxy	23.9124, 0.4662, 0.3081
Android (android.graphics.Color)	4292631406 (0xFFDC5B6E)
YUV	131.7370, -10.7163, 77.4067
Hunter-Lab	48.9003, 46.5133, 12.9839

Details

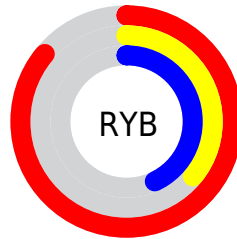
The CIELCh color **56, 54.257, 16.434** is a dark color, and the websafe version is hex **CC6666**. The color can be described as middle muted rose. A complement of this color would be **81, 40.011, 181.918**, and the grayscale version is **55, 0.007, 296.813**.

A 20% lighter version of the original color is **72, 43.780, 13.540**, and **36, 54.185, 16.292** is the 20% darker color. If you saturate the color by 10%, you get **52, 63.497, 19.587**, and if you desaturate by 10%, it is **61, 44.561, 13.953**.

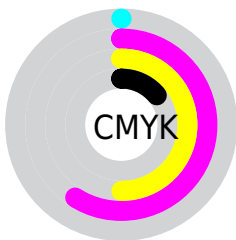
Distribution



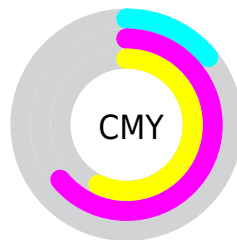
- Red (86%)
- Green (36%)
- Blue (43%)



- Red (86%)
- Yellow (36%)
- Blue (43%)



- Cyan (0%)
- Magenta (59%)
- Yellow (50%)
- Black (14%)



- Cyan (14%)
- Magenta (64%)
- Yellow (57%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 56, 54.257, 16.434 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, 54.257, 16.434 by changing the saturation by 10% instead.

 56, 54.257, 16.434

 56, 54.257, 16.434

 100, 54.257,
16.434

 46, 54.257, 16.434

 76, 54.257, 16.434

 36, 54.257, 16.434

 86, 54.257, 16.434

 26, 54.257, 16.434

 96, 54.257, 16.434

 16, 54.257, 16.434

 6, 54.257, 16.434

 0, 54.257, 16.434

 56, 54.257, 16.434

 56, 54.257, 16.434

 52, 63.497, 19.587

 61, 44.561, 13.953

 49, 71.959, 23.515

 66, 34.769, 11.993

■ 47, 79.432, 28.178

■ 71, 25.158, 10.425

■ 46, 85.856, 33.120

■ 77, 15.913, 9.146

■ 46, 86.733, 33.749

■ 83, 7.133, 8.057

■ 89, 1.147, 187.750

■ 95, 8.930, 186.572

■ 98, 11.715,
198.723

Harmonies

Complementary

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



56, 54.257, 16.434



81, 40.011, 181.918

Rectangle

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



56, 54.257, 16.434



56, 54.257, 66.434



56, 54.257, 196.434



56, 54.257, 246.434

Sweetspot

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



56, 54.254, 16.436



88, 17.345, 9.097



57, 77.489, 322.733



45, 12.153, 9.445



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, 54.254, 16.436



59, 72.892, 20.309



65, 46.618, 53.512



43, 4.718, 8.147



36, 71.897, 32.886



5, 23.721, 13.914

Inverse Universe

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



56, 54.254, 16.436



59, 72.892, 20.309



68, 32.878, 247.863



43, 4.718, 8.147



36, 71.897, 32.886



5, 23.721, 13.914

Previews

White Background



This preview shows how the CIELCh color 56, 54.257, 16.434 looks on a white background.

Color Contrast Check

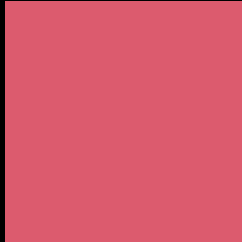
Large Text (above 18pt) WCAG AA ✓ Pass

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, 54.257, 16.434 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, 54.257, 16.434

Background



This preview shows how black text looks on a background with the CIELCh color 56, 54.257, 16.434.



This preview shows how white text looks on a background with the CIELCh color 56, 54.257, 16.434.

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



Original Color

56, 54.257, 16.434

Protanopia

56, 1.946, 55.175

Deuteranopia

56, 19.230, 67.366



Tritanopia
56, 54.798, 23.619

Trichromacy



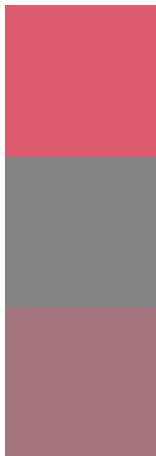
Original Color
56, 54.257, 16.434

Protanomaly
55, 21.005, 12.595

Deuteranomaly
55, 29.554, 32.419

Tritanomaly
56, 54.587, 20.918

Monochromacy



Original Color
56, 54.257, 16.434

Achromatopsia
55, 0.007, 296.813

Achromatomaly
54, 19.827, 10.211

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 56, 54.257, 16.434 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(220, 91, 110)` looks like.

```
.text, #text, p{  
  color:rgb(220, 91, 110)  
}
```

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(220, 91, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 91, 110) }
```

Border

The CSS property to change the border of an element to CIELCh 56, 54.257, 16.434 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(220, 91, 110) }
```

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

```
.border{ border-color:rgb(220, 91, 110) }
```

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

Here you see how a box with a 4 pixel `rgb(220, 91, 110)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 91, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 91, 110);  
box-shadow:4px 4px 4px 4px rgb(220, 91,  
110) }
```

Background

The CSS property to change the background color of an element to CIELCh 56, 54.257, 16.434 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 91, 110) }
```

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

```
.background{ background-color: rgb(220, 91,  
110) }
```

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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