

Converting Colors

CIELCh(56, 48.597, 352.263)

Have a look what the booklet for
CIELCh(56, 48.597, 352.263)
contains.

CIELCh(56, 48.547, 352.350)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(56, 48.547, 352.350)

Conversions

Conversions Part 1

Format	Color
Hex	CE6293
RGB	206, 98, 147
RGB Percent	81%, 38%, 58%
CMY	0.1927, 0.6162, 0.4241
CMYK	0.00, 0.52, 0.29, 0.19
HSL	333°, 52%, 60%
HSV	333°, 52%, 81%
XYZ	35.0227, 23.9124, 30.3183
YIQ	135.8780, 48.6390, 38.1350

Conversions

Conversions Part 2

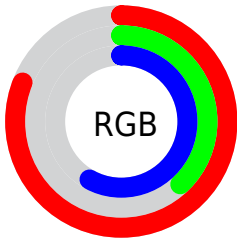
Format	Color
R _Y B	206, 98, 147
Decimal	13525651
CIE Lab	56.00, 48.11, -6.46
CIE LCh	56, 48.547, 352.350
Yxy	23.9124, 0.3924, 0.2679
Android (android.graphics.Color)	4291715731 (0xFFCE6293)
YUV	135.8780, 5.4831, 61.4970
Hunter-Lab	48.9003, 42.2672, -2.5297

Details

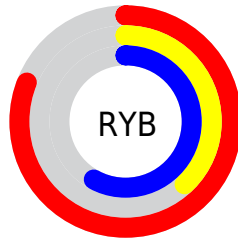
The CIELCh color $56, 48.547, 352.350$ is a light color, and the websafe version is hex `CC6699`. A complement of this color would be $76, 45.124, 160.509$, and the grayscale version is $57, 0.007, 296.813$.

A 20% lighter version of the original color is $75, 45.476, 349.198$, and $36, 48.645, 352.750$ is the 20% darker color. If you saturate the color by 10%, you get $52, 56.486, 354.265$, and if you desaturate by 10%, it is $60, 39.691, 350.777$.

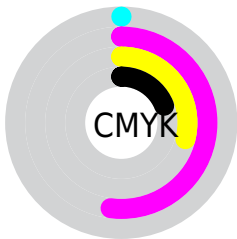
Distribution



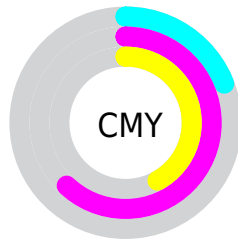
- Red (81%)
- Green (38%)
- Blue (58%)



- Red (81%)
- Yellow (38%)
- Blue (58%)



- Cyan (0%)
- Magenta (52%)
- Yellow (29%)
- Black (19%)





- Cyan (19%)
- Magenta (62%)
- Yellow (42%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 56, 48.547, 352.350 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, 48.547, 352.350 by changing the saturation by 10% instead.


 56, 48.547,
352.350


 56, 48.547,
352.350


 100, 48.547,
352.350


 46, 48.547,
352.350


 76, 48.547,
352.350

 36, 48.547,
352.350

 86, 48.547,
352.350

 26, 48.547,
352.350

 96, 48.547,
352.350

 16, 48.547,
352.350

 6, 48.547, 352.350

 0, 48.547, 352.350

56, 48.547,
352.350

56, 48.547,
352.350

52, 56.486,
354.265

60, 39.691,
350.777

49, 63.036,
356.648

65, 30.357,
349.450

46, 67.786,
359.663

70, 20.867,
348.302

45, 70.595, 3.478

76, 11.445,
347.283


44, 71.840, 6.830

81, 2.229, 346.234

87, 6.706, 165.686

93, 15.324,
164.917

96, 19.402,
169.494

 97, 16.970,
186.239

Harmonies

Complementary

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



56, 48.547, 352.350



76, 45.124, 160.509

Rectangle

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



56, 48.547, 352.350



56, 48.547, 42.350



56, 48.547, 172.350



56, 48.547, 222.350

Sweetspot

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



56, 48.544, 352.351



90, 17.572, 347.653



52, 64.362, 312.744



46, 11.892, 347.864



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, 48.544, 352.351



63, 67.508, 354.551



55, 46.225, 27.674



40, 5.153, 346.986



35, 61.156, 6.019



4, 19.495, 356.370

Inverse Universe

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



56, 48.544, 352.351



63, 67.508, 354.551



76, 31.127, 200.785



40, 5.153, 346.986



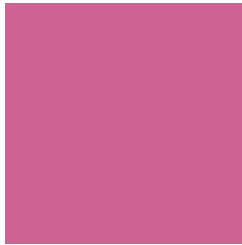
35, 61.156, 6.019



4, 19.495, 356.370

Previews

White Background



This preview shows how the CIELCh color 56, 48.547, 352.350 looks on a white background.

Color Contrast Check

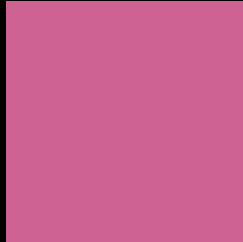
Large Text (above 18pt) WCAG AA ✓ Pass

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, 48.547, 352.350 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

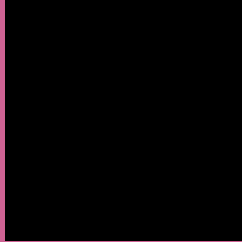
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 56, 48.547, 352.350

Background



This preview shows how black text looks on a background with the CIELCh color 56, 48.547, 352.350.



This preview shows how white text looks on a background with the CIELCh color 56, 48.547, 352.350.

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, 48.547, 352.350

Protanopia

56, 21.251, 286.124

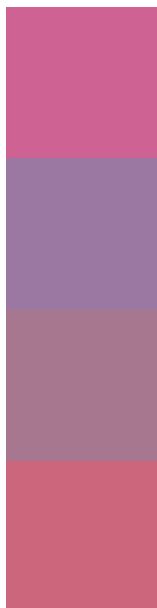
Deuteranopia

56, 8.369, 331.593



Tritanopia
56, 41.831, 19.539

Trichromacy



Original Color
56, 48.547, 352.350

Protanomaly
55, 27.424, 320.951

Deuteranomaly
56, 23.551, 345.084

Tritanomaly
56, 43.175, 8.245

Monochromacy



Original Color
56, 48.547, 352.350

Achromatopsia
57, 0.007, 296.813

Achromatomaly
55, 18.534, 347.987

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 56, 48.547, 352.350 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(206, 98, 147)` looks like.

```
.text, #text, p{  
    color:rgb(206, 98, 147)  
}
```

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(206, 98, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 98, 147) }
```

Border

The CSS property to change the border of an element to CIELCh 56, 48.547, 352.350 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(206, 98, 147) }
```

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

```
.border{ border-color:rgb(206, 98, 147) }
```

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

Here you see how a box with a 4 pixel `rgb(206, 98, 147)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 98, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 98, 147);  
box-shadow:4px 4px 4px 4px rgb(206, 98,  
147) }
```

Background

The CSS property to change the background color of an element to CIELCh 56, 48.547, 352.350 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 98, 147) }
```

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

```
.background{ background-color: rgb(206, 98,  
147) }
```

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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