

Converting Colors

CIELCh(56, 46.125, 7.030)

Have a look what the booklet for
CIELCh(56, 46.125, 7.030) contains.

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Color

CIELCh(56, 46.094, 7.114)

Conversions

Conversions Part 1

Format	Color
Hex	D0637E
RGB	208, 99, 126
RGB Percent	82%, 39%, 49%
CMY	0.1835, 0.6110, 0.5052
CMYK	0.00, 0.52, 0.39, 0.18
HSL	345°, 54%, 60%
HSV	345°, 52%, 82%
XYZ	34.3309, 23.9124, 22.6073
YIQ	134.6690, 56.2970, 31.5050

Conversions

Conversions Part 2

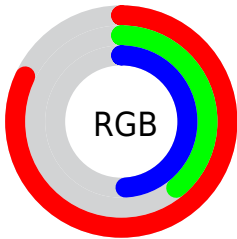
Format	Color
R_{YB}	208, 99, 126
Decimal	13656958
CIE _{Lab}	56.00, 45.74, 5.71
CIE _{LCh}	56, 46.094, 7.114
Yxy	23.9124, 0.4246, 0.2958
Android (android.graphics.Color)	4291847038 (0xFFD0637E)
YUV	134.6690, -4.2738, 64.3113
Hunter-Lab	48.9003, 39.7421, 6.8196

Details

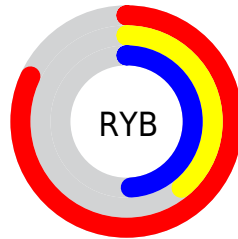
The CIELCh color **56, 46.094, 7.114** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **77, 38.036, 174.152**, and the grayscale version is **56, 0.007, 296.813**.

A 20% lighter version of the original color is **74, 41.283, 4.177**, and **36, 46.089, 7.336** is the 20% darker color. If you saturate the color by 10%, you get **52, 54.610, 9.696**, and if you desaturate by 10%, it is **61, 37.098, 5.062**.

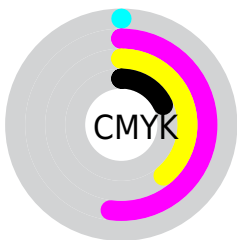
Distribution



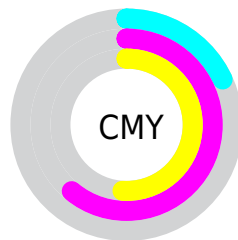
- Red (82%)
- Green (39%)
- Blue (49%)



- Red (82%)
- Yellow (39%)
- Blue (49%)



- Cyan (0%)
- Magenta (52%)
- Yellow (39%)
- Black (18%)



- Cyan (18%)
- Magenta (61%)
- Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 56, 46.094, 7.114 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, 46.094, 7.114 by changing the saturation by 10% instead.

 56, 46.094, 7.114  56, 46.094, 7.114

 100, 46.094, 7.114  46, 46.094, 7.114

 76, 46.094, 7.114  36, 46.094, 7.114

 86, 46.094, 7.114  26, 46.094, 7.114

 96, 46.094, 7.114  16, 46.094, 7.114

 6, 46.094, 7.114

 0, 46.094, 7.114

 56, 46.094, 7.114  56, 46.094, 7.114

 52, 54.610, 9.696  61, 37.098, 5.062

 49, 62.273, 12.965  66, 27.976, 3.399

46, 68.782, 17.071

71, 18.978, 2.023

44, 74.095, 22.056

77, 10.262, 0.849

44, 77.697, 26.177

82, 1.915, 359.646

88, 6.032, 179.139

94, 13.578,
178.336

97, 15.805,
191.952

97, 15.560,
198.470

Harmonies

Complementary

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



56, 46.094, 7.114



77, 38.036, 174.152

Rectangle

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



56, 46.094, 7.114



56, 46.094, 57.114



56, 46.094, 187.114



56, 46.094, 237.114

Sweetspot

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



56, 46.091, 7.116



89, 15.799, 1.280



55, 66.209, 319.445



46, 10.716, 1.523



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, 46.091, 7.116



63, 64.930, 10.103



61, 40.374, 44.363



41, 4.696, 0.527



35, 65.878, 25.245



4, 20.327, 8.054

Inverse Universe

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



56, 46.091, 7.116



63, 64.930, 10.103



70, 27.642, 230.875



41, 4.696, 0.527



35, 65.878, 25.245



4, 20.327, 8.054

Previews

White Background



This preview shows how the CIELCh color 56, 46.094, 7.114 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, 46.094, 7.114 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

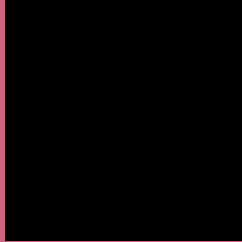
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 56, 46.094, 7.114

Background



This preview shows how black text looks on a background with the CIELCh color 56, 46.094, 7.114.



This preview shows how white text looks on a background with the CIELCh color 56, 46.094, 7.114.

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, 46.094, 7.114

Protanopia

56, 6.870, 290.998

Deuteranopia

56, 10.908, 48.113



Tritanopia
56, 44.943, 20.439

Trichromacy



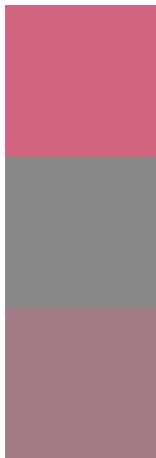
Original Color
56, 46.094, 7.114

Protanomaly
55, 18.890, 348.740

Deuteranomaly
56, 22.652, 16.344

Tritanomaly
56, 44.877, 15.641

Monochromacy



Original Color
56, 46.094, 7.114

Achromatopsia
56, 0.007, 296.813

Achromatomaly
55, 17.165, 2.086

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 56, 46.094, 7.114 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(208, 99, 126)` looks like.

```
.text, #text, p{  
    color:rgb(208, 99, 126)  
}
```

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(208, 99, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 99, 126) }
```

Border

The CSS property to change the border of an element to CIELCh 56, 46.094, 7.114 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(208, 99, 126) }
```

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

```
.border{ border-color:rgb(208, 99, 126) }
```

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

Here you see how a box with a 4 pixel `rgb(208, 99, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 99, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 99, 126);  
box-shadow:4px 4px 4px 4px rgb(208, 99,  
126) }
```

Background

The CSS property to change the background color of an element to CIELCh 56, 46.094, 7.114 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 99, 126) }
```

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

```
.background{ background-color: rgb(208, 99,  
126) }
```

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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