

Converting Colors

CIELCh(57, 47.018, 6.006)

Have a look what the booklet for
CIELCh(57, 47.018, 6.006) contains.

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Color

CIELCh(57, 46.845, 6.092)

Conversions

Conversions Part 1

Format	Color
Hex	D46582
RGB	212, 101, 130
RGB Percent	83%, 40%, 51%
CMY	0.1686, 0.6038, 0.4901
CMYK	0.00, 0.52, 0.39, 0.17
HSL	344°, 56%, 61%
HSV	344°, 52%, 83%
XYZ	35.8427, 24.9227, 24.0463
YIQ	137.4950, 56.8470, 32.5510

Conversions

Conversions Part 2

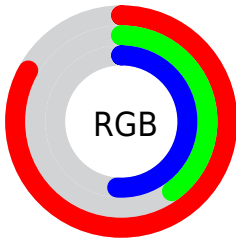
Format	Color
RYB	212, 101, 130
Decimal	13919618
CIELab	57.00, 46.58, 4.97
CIElCh	57, 46.845, 6.092
Yxy	24.9227, 0.4226, 0.2939
Android (android.graphics.Color)	4292109698 (0xFFD46582)
YUV	137.4950, -3.6950, 65.3409
Hunter-Lab	49.9226, 40.7920, 6.3875

Details

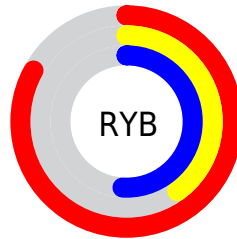
The CIELCh color **57, 46.845, 6.092** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **78, 39.026, 173.092**, and the grayscale version is **57, 0.007, 296.813**.

A 20% lighter version of the original color is **75, 40.696, 2.198**, and **37, 46.824, 6.187** is the 20% darker color. If you saturate the color by 10%, you get **53, 55.416, 8.651**, and if you desaturate by 10%, it is **62, 37.750, 4.057**.

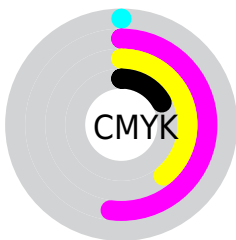
Distribution



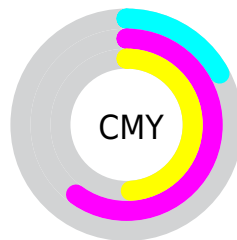
- Red (83%)
- Green (40%)
- Blue (51%)



- Red (83%)
- Yellow (40%)
- Blue (51%)



- Cyan (0%)
- Magenta (52%)
- Yellow (39%)
- Black (17%)




- Cyan (17%)
- Magenta (60%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 57, 46.845, 6.092 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 57, 46.845, 6.092 by changing the saturation by 10% instead.

 57, 46.845, 6.092  57, 46.845, 6.092

 100, 46.845, 6.092  47, 46.845, 6.092

 77, 46.845, 6.092  37, 46.845, 6.092

 87, 46.845, 6.092  27, 46.845, 6.092

 97, 46.845, 6.092  17, 46.845, 6.092

 7, 46.845, 6.092

 0, 46.845, 6.092

 57, 46.845, 6.092  57, 46.845, 6.092

 53, 55.416, 8.651  62, 37.750, 4.057

 49, 63.074, 11.891  67, 28.498, 2.403

47, 69.511, 15.969

72, 19.349, 1.031

45, 74.686, 20.945

78, 10.470,
359.859

45, 78.159, 25.098

84, 1.951, 358.657

89, 6.170, 178.141

95, 13.890,
177.333

97, 14.361,
198.548

Harmonies

Complementary

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



57, 46.845, 6.092



78, 39.026, 173.092

Rectangle

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



57, 46.845, 6.092



57, 46.845, 56.092



57, 46.845, 186.092



57, 46.845, 236.092

Sweetspot

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



57, 46.842, 6.094



89, 15.885, 0.288



56, 67.046, 318.929



46, 10.772, 0.531



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



57, 46.842, 6.094



63, 64.922, 9.034



62, 41.322, 42.873



42, 4.819, 359.539



36, 66.132, 24.162



5, 22.170, 8.132

Inverse Universe

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



57, 46.842, 6.094



63, 64.922, 9.034



71, 28.048, 228.319



42, 4.819, 359.539



36, 66.132, 24.162



5, 22.170, 8.132

Previews

White Background



This preview shows how the CIELCh color 57, 46.845, 6.092 looks on a white background.

Color Contrast Check

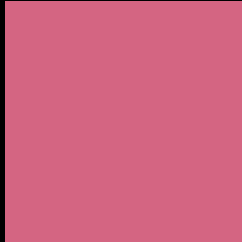
Large Text (above 18pt) WCAG AA ✓ Pass

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 57, 46.845, 6.092 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

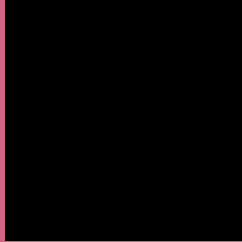
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 57, 46.845, 6.092

Background



This preview shows how black text looks on a background with the CIELCh color 57, 46.845, 6.092.



This preview shows how white text looks on a background with the CIELCh color 57, 46.845, 6.092.

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
57, 45.554, 19.849

Trichromacy



Original Color
57, 46.845, 6.092

Protanomaly
56, 19.740, 346.548

Deuteranomaly
57, 22.997, 13.658

Tritanomaly
57, 45.486, 14.429

Monochromacy



Original Color
57, 46.845, 6.092

Achromatopsia
57, 0.007, 296.813

Achromatomaly
57, 17.093, 2.034

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 57, 46.845, 6.092 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(212, 101, 130)` looks like.

```
.text, #text, p{  
    color:rgb(212, 101, 130)  
}
```

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(212, 101, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 101, 130) }
```

Border

The CSS property to change the border of an element to CIELCh 57, 46.845, 6.092 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(212, 101, 130) }
```

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

```
.border{ border-color:rgb(212, 101, 130) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 101, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 101, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 101, 130);  
box-shadow:4px 4px 4px 4px rgb(212, 101,  
130) }
```

Background

The CSS property to change the background color of an element to CIELCh 57, 46.845, 6.092 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 101, 130) }
```

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

```
.background{ background-color: rgb(212,  
101, 130) }
```

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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