

Converting Colors

CIELCh(66, 39.788, 1.091)

Have a look what the booklet for
CIELCh(66, 39.788, 1.091) contains.

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Color

CIELCh(66, 39.751, 1.542)

Conversions

Conversions Part 1

Format	Color
Hex	E384A0
RGB	227, 132, 160
RGB Percent	89%, 52%, 63%
CMY	0.1102, 0.4827, 0.3729
CMYK	0.00, 0.42, 0.30, 0.11
HSL	342°, 63%, 70%
HSV	342°, 42%, 89%
XYZ	46.2188, 35.3238, 37.5952
YIQ	163.5970, 47.6320, 28.8480

Conversions

Conversions Part 2

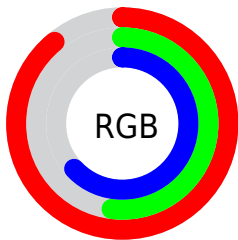
Format	Color
R _Y B	227, 132, 160
Decimal	14910624
CIE Lab	66.00, 39.74, 1.07
CIE LCh	66, 39.751, 1.542
Yxy	35.3238, 0.3879, 0.2965
Android (android.graphics.Color)	4293100704 (0xFFE384A0)
YUV	163.5970, -1.7733, 55.6044
Hunter-Lab	59.4338, 34.8016, 4.0995

Details

The CIELCh color **66, 39.751, 1.542** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **84, 34.944, 171.955**, and the grayscale version is **67, 0.008, 296.813**.

A 20% lighter version of the original color is **83, 28.908, 351.388**, and **46, 39.675, 1.172** is the 20% darker color. If you saturate the color by 10%, you get **61, 49.300, 3.517**, and if you desaturate by 10%, it is **71, 29.966, 359.934**.

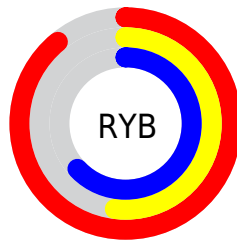
Distribution



Red (89%)

Green (52%)

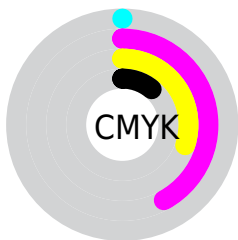
Blue (63%)



Red (89%)

Yellow (52%)

Blue (63%)

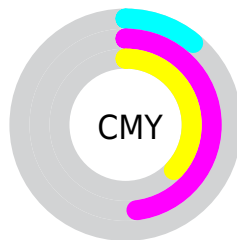


Cyan (0%)

Magenta (42%)

Yellow (30%)

Black (11%)



Cyan (11%)

Magenta (48%)

Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 66, 39.751, 1.542 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 66, 39.751, 1.542 by changing the saturation by 10% instead.

66, 39.751, 1.542

66, 39.751, 1.542

100, 39.751, 1.542

56, 39.751, 1.542

86, 39.751, 1.542

46, 39.751, 1.542

96, 39.751, 1.542

36, 39.751, 1.542

26, 39.751, 1.542

16, 39.751, 1.542

6, 39.751, 1.542

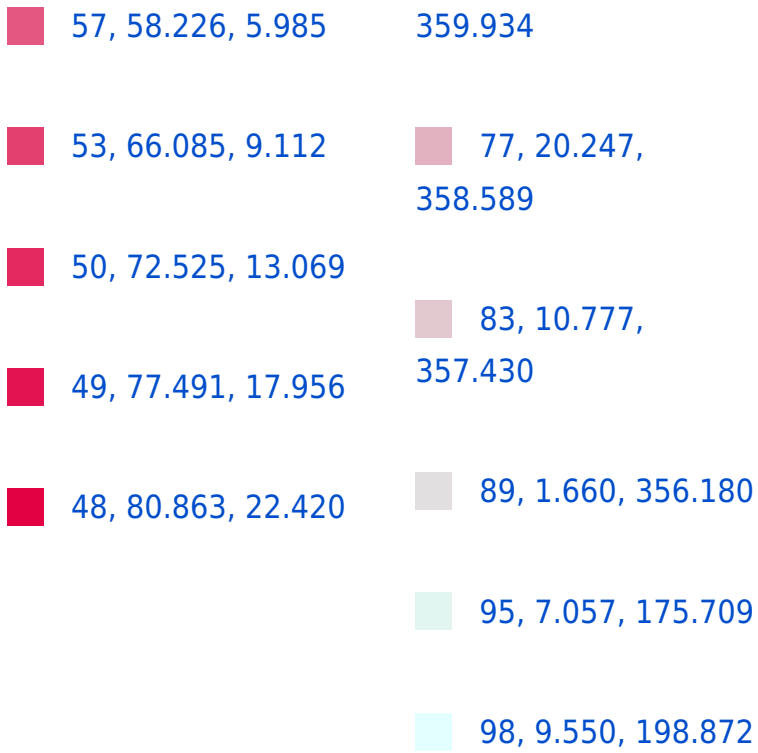
0, 39.751, 1.542

66, 39.751, 1.542

66, 39.751, 1.542

61, 49.300, 3.517

71, 29.966,



Harmonies

Complementary

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



66, 39.751, 1.542



84, 34.944, 171.955

Rectangle

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



66, 39.751, 1.542



66, 39.751, 51.542



66, 39.751, 181.542



66, 39.751, 231.542

Sweetspot

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



66, 39.748, 1.544



91, 13.015, 357.565



65, 56.736, 317.520



47, 9.148, 357.813



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



66, 39.748, 1.544



69, 52.276, 3.185



70, 34.127, 39.504



44, 5.087, 357.167



37, 66.472, 21.362



6, 25.350, 7.979

Inverse Universe

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



66, 39.748, 1.544



69, 52.276, 3.185



79, 25.100, 221.948



44, 5.087, 357.167



37, 66.472, 21.362



6, 25.350, 7.979

Previews

White Background



This preview shows how the CIELCh color 66, 39.751, 1.542 looks on a white background.

Color Contrast Check

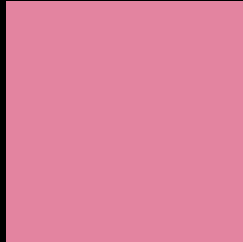
Large Text (above 18pt) WCAG AA × Fail

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 66, 39.751, 1.542 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 ✓ Pass

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

CIELCh 66, 39.751, 1.542

Background



This preview shows how black text looks on a background with the CIELCh color 66, 39.751, 1.542.



This preview shows how white text looks on a background with the CIELCh color 66, 39.751, 1.542.

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

66, 39.751, 1.542

Protanopia

66, 8.869, 288.748

Deuteranopia

66, 9.024, 16.711



Tritanopia
66, 36.813, 14.992

Trichromacy



Original Color
66, 39.751, 1.542

Protanomaly
66, 17.032, 340.618

Deuteranomaly
66, 20.051, 5.574

Tritanomaly
66, 37.672, 10.340

Monochromacy



Original Color
66, 39.751, 1.542

Achromatopsia
67, 0.008, 296.813

Achromatomaly
66, 14.299, 358.173

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 66, 39.751, 1.542 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(227, 132, 160)` looks like.

```
.text, #text, p{  
    color:rgb(227, 132, 160)  
}
```

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(227, 132, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 132, 160) }
```

Border

The CSS property to change the border of an element to CIELCh 66, 39.751, 1.542 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(227, 132, 160) }
```

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

```
.border{ border-color:rgb(227, 132, 160) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 132, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(227, 132, 160); -webkit-box-shadow:4px 4px 4px 4px rgb(227, 132, 160); box-shadow:4px 4px 4px 4px rgb(227, 132, 160) }
```

Background

The CSS property to change the background color of an element to CIELCh 66, 39.751, 1.542 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 132, 160) }
```

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

```
.background{ background-color: rgb(227,  
132, 160) }
```

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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