

Converting Colors

CIELCh(66, 44.285, 9.471)

Have a look what the booklet for
CIELCh(66, 44.285, 9.471) contains.

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Color

CIELCh(66, 44.246, 9.787)

Conversions

Conversions Part 1

Format	Color
Hex	EC8095
RGB	236, 128, 149
RGB Percent	93%, 50%, 58%
CMY	0.0756, 0.4990, 0.4166
CMYK	0.00, 0.46, 0.37, 0.08
HSL	348°, 74%, 71%
HSV	348°, 46%, 92%
XYZ	47.5954, 35.3238, 32.6441
YIQ	162.6860, 57.6270, 29.4270

Conversions

Conversions Part 2

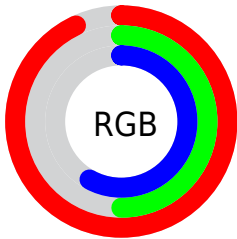
Format	Color
RYB	236, 128, 149
Decimal	15499413
CIELab	66.00, 43.60, 7.52
CIElCh	66, 44.246, 9.787
Yxy	35.3238, 0.4119, 0.3057
Android (android.graphics.Color)	4293689493 (0xFFEC8095)
YUV	162.6860, -6.7472, 64.2964
Hunter-Lab	59.4338, 38.9360, 9.0386

Details

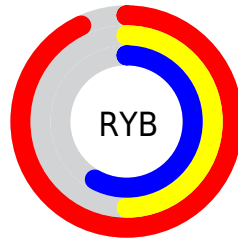
The CIELCh color **66, 44.246, 9.787** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **87, 36.127, 179.180**, and the grayscale version is **67, 0.008, 296.813**.

A 20% lighter version of the original color is **82, 28.875, 0.655**, and **46, 44.376, 9.931** is the 20% darker color. If you saturate the color by 10%, you get **61, 54.274, 12.112**, and if you desaturate by 10%, it is **71, 34.067, 7.940**.

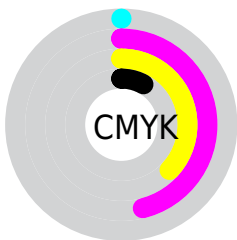
Distribution



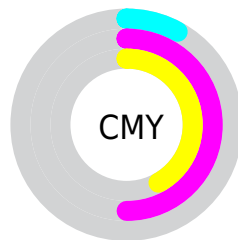
- Red (93%)
- Green (50%)
- Blue (58%)



- Red (93%)
- Yellow (50%)
- Blue (58%)



- Cyan (0%)
- Magenta (46%)
- Yellow (37%)
- Black (8%)



- Cyan (8%)
- Magenta (50%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 66, 44.246, 9.787 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, 44.246, 9.787 by changing the saturation by 10% instead.

 66, 44.246, 9.787  66, 44.246, 9.787

 100, 44.246, 9.787  56, 44.246, 9.787

 86, 44.246, 9.787  46, 44.246, 9.787


 96, 44.246, 9.787  36, 44.246, 9.787

 26, 44.246, 9.787

 16, 44.246, 9.787

 6, 44.246, 9.787

 0, 44.246, 9.787

 66, 44.246, 9.787  66, 44.246, 9.787

 61, 54.274, 12.112  71, 34.067, 7.940

■ 57, 63.777, 15.056

■ 77, 24.044, 6.441

■ 53, 72.366, 18.776

■ 83, 14.366, 5.195

■ 51, 79.805, 23.343

■ 90, 5.136, 4.089

■ 50, 86.116, 28.597

■ 96, 3.607, 183.479

■ 49, 88.611, 30.770

■ 99, 6.606, 199.087

Harmonies

Complementary

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



66, 44.246, 9.787



87, 36.127, 179.180

Rectangle

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



66, 44.246, 9.787



66, 44.246, 59.787



66, 44.246, 189.787



66, 44.246, 239.787

Sweetspot

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



66, 44.243, 9.790



91, 13.505, 4.997



66, 64.943, 320.789



47, 9.376, 5.244



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, 44.243, 9.790



66, 57.008, 11.965



73, 37.347, 49.162



46, 5.059, 4.492



38, 72.065, 29.776



7, 27.917, 14.681

Inverse Universe

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



66, 44.243, 9.790



66, 57.008, 11.965



78, 27.712, 237.227



46, 5.059, 4.492



38, 72.065, 29.776



7, 27.917, 14.681

Previews

White Background



This preview shows how the CIELCh color 66, 44.246, 9.787 looks on a white background.

Color Contrast Check

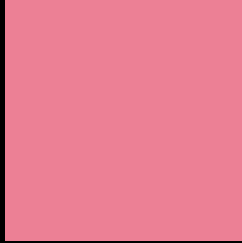
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 66, 44.246, 9.787 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, 44.246, 9.787

Background



This preview shows how black text looks on a background with the CIELCh color 66, 44.246, 9.787.



This preview shows how white text looks on a background with the CIELCh color 66, 44.246, 9.787.

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, 44.246, 9.787

Protanopia

66, 3.965, 301.496

Deuteranopia

66, 12.529, 49.038



Tritanopia
66, 43.582, 17.252

Trichromacy



Original Color
66, 44.246, 9.787



Protanomaly
65, 17.289, 358.682



Deuteranomaly
66, 23.136, 20.344



Tritanomaly
66, 43.423, 14.393

Monochromacy



Original Color
66, 44.246, 9.787



Achromatopsia
67, 0.008, 296.813



Achromatomaly
66, 15.801, 6.876

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 66, 44.246, 9.787 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(236, 128, 149)` looks like.

```
.text, #text, p{  
    color:rgb(236, 128, 149)  
}
```

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(236, 128, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 128, 149) }
```

Border

The CSS property to change the border of an element to CIELCh 66, 44.246, 9.787 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(236, 128, 149) }
```

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

```
.border{ border-color:rgb(236, 128, 149) }
```

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

Here you see how a box with a 4 pixel rgb(236, 128, 149) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 128, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 128, 149);  
box-shadow:4px 4px 4px 4px rgb(236, 128,  
149) }
```

Background

The CSS property to change the background color of an element to CIELCh 66, 44.246, 9.787 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 128, 149) }
```

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

```
.background{ background-color: rgb(236,  
128, 149) }
```

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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