

Converting Colors

CIELCh(66, 46.120, 24.452)

Have a look what the booklet for
CIELCh(66, 46.120, 24.452) contains.

CIELCh(66, 46.236, 24.448)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(66, 46.236, 24.448)

Conversions

Conversions Part 1

Format	Color
Hex	EE8080
RGB	238, 128, 128
RGB Percent	93%, 50%, 50%
CMY	0.0653, 0.4968, 0.4969
CMYK	0.00, 0.46, 0.46, 0.07
HSL	0°, 77%, 72%
HSV	0°, 46%, 93%
XYZ	47.0538, 35.3238, 24.8628
YIQ	160.8900, 65.5600, 23.3200

Conversions

Conversions Part 2

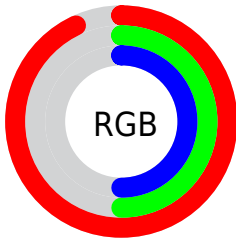
Format	Color
R_{YB}	238, 128, 128
Decimal	15630464
CIE _{Lab}	66.00, 42.09, 19.14
CIE _{LCh}	66, 46.236, 24.448
Yxy	35.3238, 0.4388, 0.3294
Android (android.graphics.Color)	4293820544 (0xFFEE8080)
YUV	160.8900, -16.2148, 67.6255
Hunter-Lab	59.4338, 37.3094, 16.8011

Details

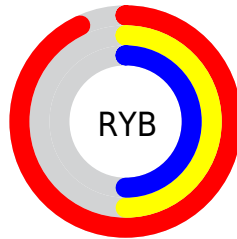
The CIELCh color **66, 46.236, 24.448** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **88, 33.028, 197.301**, and the grayscale version is **66, 0.008, 296.813**.

A 20% lighter version of the original color is **81, 28.234, 23.838**, and **46, 45.976, 24.577** is the 20% darker color. If you saturate the color by 10%, you get **61, 57.783, 26.634**, and if you desaturate by 10%, it is **72, 35.047, 22.777**.

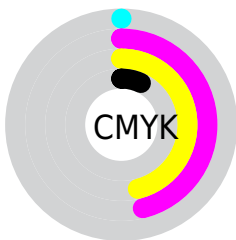
Distribution



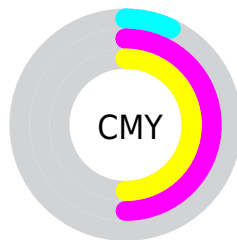
- Red (93%)
- Green (50%)
- Blue (50%)



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



- Cyan (0%)
- Magenta (46%)
- Yellow (46%)
- Black (7%)



- Cyan (7%)
- Magenta (50%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 66, 46.236, 24.448 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, 46.236, 24.448 by changing the saturation by 10% instead.

 66, 46.236, 24.448

 66, 46.236, 24.448

 100, 46.236,
24.448

 56, 46.236, 24.448

 86, 46.236, 24.448

 46, 46.236, 24.448

 96, 46.236, 24.448

 36, 46.236, 24.448

 26, 46.236, 24.448

 16, 46.236, 24.448

 6, 46.236, 24.448

 0, 46.236, 24.448

 66, 46.236, 24.448

 66, 46.236, 24.448

 61, 57.783, 26.634

 72, 35.047, 22.777

■ 57, 69.360, 29.418

■ 78, 24.440, 21.497

■ 53, 80.497, 32.784

■ 84, 14.525, 20.507

■ 51, 90.414, 36.376

■ 90, 5.328, 19.683

■ 50, 97.391, 39.180

■ 97, 3.172, 199.418

■ 50, 99.363, 40.001

■ 99, 5.721, 199.159

Harmonies

Complementary

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



66, 46.236, 24.448



88, 33.028, 197.301

Rectangle

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



66, 46.236, 24.448



66, 46.236, 74.448



66, 46.236, 204.448



66, 46.236, 254.448

Sweetspot

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



66, 46.233, 24.451



90, 13.169, 20.325



69, 68.489, 326.882



47, 9.170, 20.511



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, 46.233, 24.451



66, 59.622, 26.396



78, 37.952, 69.603



47, 4.992, 19.952



38, 81.700, 39.997



8, 29.833, 23.815

Inverse Universe

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



88, 33.028, 197.301



93, 39.485, 197.021



73, 33.173, 263.955



49, 4.700, 198.981



68, 39.147, 196.413



21, 17.090, 196.409

Previews

White Background



This preview shows how the CIELCh color 66, 46.236, 24.448 looks on a white background.

Color Contrast Check

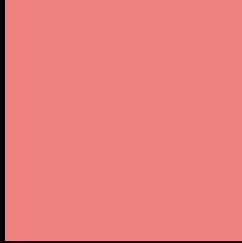
Large Text (above 18pt) WCAG AA × Fail

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, 46.236, 24.448 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, 46.236, 24.448

Background



This preview shows how black text looks on a background with the CIELCh color 66, 46.236, 24.448.

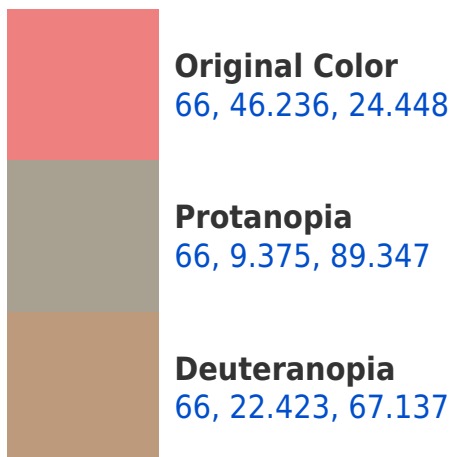


This preview shows how white text looks on a background with the CIELCh color 66, 46.236, 24.448.

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
66, 46.185, 18.673

Trichromacy



Original Color
66, 46.236, 24.448

Protanomaly
65, 19.866, 37.066

Deuteranomaly
66, 28.697, 42.747

Tritanomaly
66, 46.438, 20.668

Monochromacy



Original Color
66, 46.236, 24.448

Achromatopsia
66, 0.008, 296.813

Achromatomaly
65, 16.038, 20.928

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 66, 46.236, 24.448 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(238, 128, 128)` looks like.

```
.text, #text, p{  
  color:rgb(238, 128, 128)  
}
```

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(238, 128, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 128, 128) }
```

Border

The CSS property to change the border of an element to CIELCh 66, 46.236, 24.448 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(238, 128, 128) }
```

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

```
.border{ border-color:rgb(238, 128, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(238, 128, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(238, 128, 128); -webkit-box-shadow:4px 4px 4px 4px rgb(238, 128, 128); box-shadow:4px 4px 4px 4px rgb(238, 128, 128) }
```

Background

The CSS property to change the background color of an element to CIELCh 66, 46.236, 24.448 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 128, 128) }
```

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

```
.background{ background-color: rgb(238,  
128, 128) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor