

Converting Colors

CIELCh(66, 40.698, 24.297)

Have a look what the booklet for
CIELCh(66, 40.698, 24.297) contains.

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Color

CIELCh(66, 40.627, 24.450)

Conversions

Conversions Part 1

Format	Color
Hex	E68584
RGB	230, 133, 132
RGB Percent	90%, 52%, 52%
CMY	0.0975, 0.4779, 0.4819
CMYK	0.00, 0.42, 0.43, 0.10
HSL	1°, 66%, 71%
HSV	1°, 43%, 90%
XYZ	45.2548, 35.3238, 26.3055
YIQ	161.8890, 58.1330, 20.2530

Conversions

Conversions Part 2

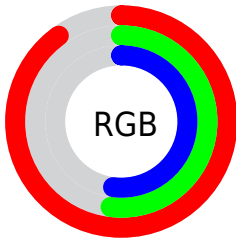
Format	Color
R _Y B	230, 133, 132
Decimal	15107460
CIE Lab	66.00, 36.98, 16.82
CIE LCh	66, 40.627, 24.450
Yxy	35.3238, 0.4234, 0.3305
Android (android.graphics.Color)	4293297540 (0xFFE68584)
YUV	161.8890, -14.7353, 59.7333
Hunter-Lab	59.4338, 31.9063, 15.3619

Details

The CIELCh color **66, 40.627, 24.450** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **85, 29.844, 198.462**, and the grayscale version is **67, 0.008, 296.813**.

A 20% lighter version of the original color is **82, 26.507, 23.791**, and **46, 40.539, 23.953** is the 20% darker color. If you saturate the color by 10%, you get **61, 51.704, 26.362**, and if you desaturate by 10%, it is **72, 30.012, 22.995**.

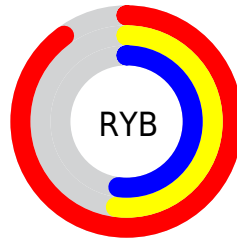
Distribution



Red (90%)

Green (52%)

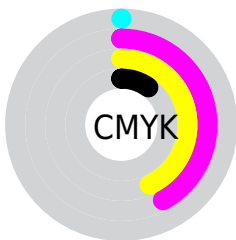
Blue (52%)



Red (90%)

Yellow (52%)

Blue (52%)

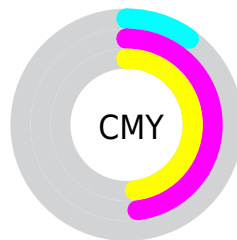


Cyan (0%)

Magenta (42%)

Yellow (43%)

Black (10%)



Cyan (10%)

Magenta (48%)

Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 66, 40.627, 24.450 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, 40.627, 24.450 by changing the saturation by 10% instead.

66, 40.627, 24.450

66, 40.627, 24.450

100, 40.627,
24.450

56, 40.627, 24.450

86, 40.627, 24.450

46, 40.627, 24.450

96, 40.627, 24.450

36, 40.627, 24.450

26, 40.627, 24.450

16, 40.627, 24.450

6, 40.627, 24.450

0, 40.627, 24.450

66, 40.627, 24.450

66, 40.627, 24.450

61, 51.704, 26.362

72, 30.012, 22.995

■ 57, 62.983, 28.820

■ 77, 20.023, 21.880

■ 53, 74.071, 31.865

■ 83, 10.726, 21.011

■ 50, 84.368, 35.308

■ 90, 2.122, 20.131

■ 49, 92.618, 38.433

■ 96, 5.827, 200.025

■ 48, 96.639, 40.082

■ 98, 8.475, 198.948

Harmonies

Complementary

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



66, 40.627, 24.450



85, 29.844, 198.462

Rectangle

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



66, 40.627, 24.450



66, 40.627, 74.450



66, 40.627, 204.450



66, 40.627, 254.450

Sweetspot

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



66, 40.625, 24.454



91, 12.058, 21.049



69, 61.796, 326.709



47, 8.513, 21.227



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, 40.625, 24.454



68, 54.294, 26.084



77, 33.741, 70.074



45, 4.767, 20.769



37, 79.841, 40.088



6, 26.906, 22.272

Inverse Universe

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



85, 29.844, 198.462



93, 37.074, 198.225



72, 29.835, 263.001



47, 4.489, 199.870



65, 37.788, 197.989



18, 15.893, 197.739

Previews

White Background



This preview shows how the CIELCh color 66, 40.627, 24.450 looks on a white background.

Color Contrast Check

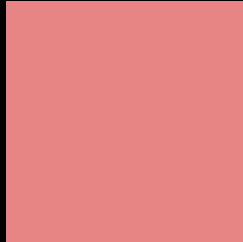
Large Text (above 18pt) WCAG AA × Fail

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, 40.627, 24.450 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, 40.627, 24.450

Background



This preview shows how black text looks on a background with the CIELCh color 66, 40.627, 24.450.



This preview shows how white text looks on a background with the CIELCh color 66, 40.627, 24.450.

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, 40.627, 24.450

Protanopia

66, 8.197, 89.559

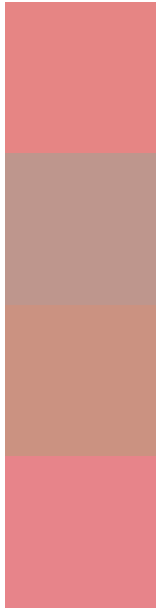
Deuteranopia

66, 20.110, 65.215



Tritanopia
66, 40.641, 17.063

Trichromacy



Original Color
66, 40.627, 24.450

Protanomaly
66, 17.168, 37.514

Deuteranomaly
66, 26.085, 42.253

Tritanomaly
66, 40.823, 19.344

Monochromacy



Original Color
66, 40.627, 24.450

Achromatopsia
67, 0.008, 296.813

Achromatomaly
66, 13.976, 22.937

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 66, 40.627, 24.450 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(230, 133, 132)` looks like.

```
.text, #text, p{  
    color:rgb(230, 133, 132)  
}
```

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(230, 133, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 133, 132) }
```

Border

The CSS property to change the border of an element to CIELCh 66, 40.627, 24.450 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(230, 133, 132) }
```

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

```
.border{ border-color:rgb(230, 133, 132) }
```

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

Here you see how a box with a 4 pixel `rgb(230, 133, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 133, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 133, 132);  
box-shadow:4px 4px 4px 4px rgb(230, 133,  
132) }
```

Background

The CSS property to change the background color of an element to CIELCh 66, 40.627, 24.450 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 133, 132) }
```

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

```
.background{ background-color: rgb(230,  
133, 132) }
```

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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