

Converting Colors

CIELCh(86, 9.233, 46.749)

Have a look what the booklet for
CIELCh(86, 9.233, 46.749) contains.

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Color

CIELCh(86, 9.223, 46.751)

Conversions

Conversions Part 1

Format	Color
Hex	E9D3CB
RGB	233, 211, 203
RGB Percent	91%, 83%, 80%
CMY	0.0876, 0.1738, 0.2052
CMYK	0.00, 0.09, 0.13, 0.09
HSL	16°, 40%, 85%
HSV	16°, 13%, 91%
XYZ	67.4464, 67.9871, 65.8630
YIQ	216.6660, 15.6800, 2.1760

Conversions

Conversions Part 2

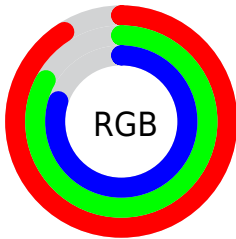
Format	Color
R _Y B	233, 214, 203
Decimal	15324107
CIE Lab	86.00, 6.32, 6.72
CIE LCh	86, 9.223, 46.751
Yxy	67.9871, 0.3351, 0.3377
Android (android.graphics.Color)	4293514187 (0xFFE9D3CB)
YUV	216.6660, -6.7373, 14.3249
Hunter-Lab	82.4543, 1.7153, 10.3582

Details

The CIELCh color **86, 9.223, 46.751** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **88, 8.547, 228.354**, and the grayscale version is **86, 0.010, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **66, 9.108, 48.850** is the 20% darker color. If you saturate the color by 10%, you get **81, 17.045, 46.388**, and if you desaturate by 10%, it is **91, 1.986, 47.023**.

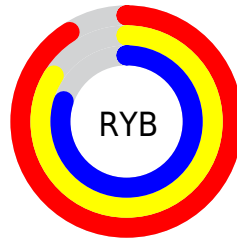
Distribution



Red (91%)

Green (83%)

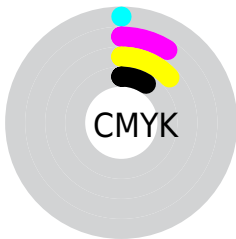
Blue (80%)



Red (91%)

Yellow (84%)

Blue (80%)

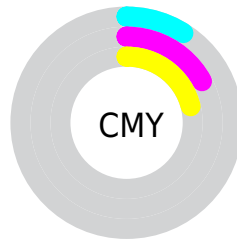


Cyan (0%)

Magenta (9%)

Yellow (13%)

Black (9%)



Cyan (9%)

Magenta (17%)

Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 86, 9.223, 46.751 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 86, 9.223, 46.751 by changing the saturation by 10% instead.



86, 9.223, 46.751

86, 9.223, 46.751

81, 17.045, 46.388

91, 1.986, 47.023

77, 25.505, 46.093

96, 4.722, 227.982

72, 34.637, 45.923

98, 7.634, 199.009

68, 44.433, 45.902

64, 54.814, 46.036

60, 65.548, 46.278

57, 76.078, 46.454

54, 85.197, 46.123

53, 90.239, 45.488

Harmonies

Complementary

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



86, 9.223, 46.751



88, 8.547, 228.354

Rectangle

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



86, 9.223, 46.751



86, 9.223, 96.751



86, 9.223, 226.751



86, 9.223, 276.751

Sweetspot

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



86, 9.222, 46.768



98, 2.976, 47.049



85, 15.858, 333.812



52, 2.122, 47.044



0, 0.000, 0.000



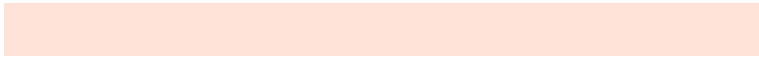
53, 0.007, 296.813

Same Dimension

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



86, 9.222, 46.768



92, 11.661, 46.680



90, 12.172, 96.797



47, 4.037, 46.902



41, 74.346, 45.977



10, 23.991, 38.821

Inverse Universe

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



88, 8.547, 228.354



95, 10.657, 228.516



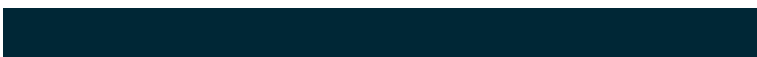
84, 12.307, 279.974



47, 3.823, 228.130



52, 36.080, 249.600



14, 14.819, 241.507

Previews

White Background



This preview shows how the CIELCh color 86, 9.223, 46.751 looks on a white background.

Color Contrast Check

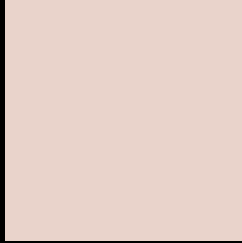
Large Text (above 18pt) WCAG AA × Fail

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 86, 9.223, 46.751 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

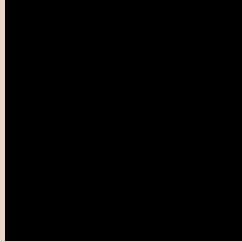
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

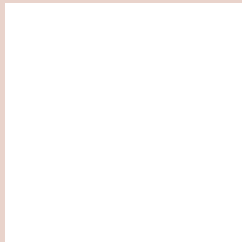
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 86, 9.223, 46.751

Background



This preview shows how black text looks on a background with the CIELCh color 86, 9.223, 46.751.

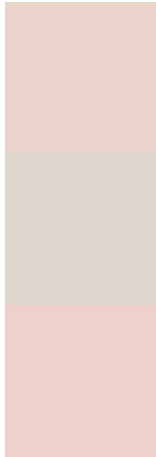


This preview shows how white text looks on a background with the CIELCh color 86, 9.223, 46.751.

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

86, 9.223, 46.751

Protanopia

86, 5.349, 80.895

Deuteranopia

86, 12.305, 32.425



Tritanopia
86, 13.507, 339.178

Trichromacy



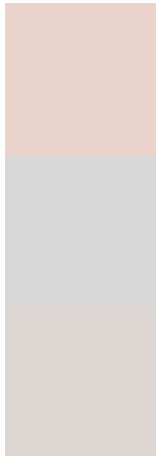
Original Color
86, 9.223, 46.751

Protanomaly
86, 6.459, 66.221

Deuteranomaly
86, 10.958, 36.653

Tritanomaly
86, 10.400, 356.451

Monochromacy



Original Color
86, 9.223, 46.751

Achromatopsia
86, 0.010, 296.813

Achromatomaly
86, 3.302, 47.754

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 86, 9.223, 46.751 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(233, 211, 203)` looks like.

```
.text, #text, p{  
    color:rgb(233, 211, 203)  
}
```

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(233, 211, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 211, 203) }
```

Border

The CSS property to change the border of an element to CIELCh 86, 9.223, 46.751 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(233, 211, 203) }
```

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

```
.border{ border-color:rgb(233, 211, 203) }
```

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

Here you see how a box with a 4 pixel rgb(233, 211, 203) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 211, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 211, 203);  
box-shadow:4px 4px 4px 4px rgb(233, 211,  
203) }
```

Background

The CSS property to change the background color of an element to CIELCh 86, 9.223, 46.751 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 211, 203) }
```

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

```
.background{ background-color: rgb(233,  
211, 203) }
```

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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