

Converting Colors

CIELCh(86, 11.109, 25.860)

Have a look what the booklet for
CIELCh(86, 11.109, 25.860) contains.

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Color

CIELCh(86, 11.240, 25.496)

Conversions

Conversions Part 1

Format	Color
Hex	EED0CE
RGB	238, 208, 206
RGB Percent	93%, 82%, 81%
CMY	0.0653, 0.1830, 0.1908
CMYK	0.00, 0.13, 0.13, 0.07
HSL	4°, 49%, 87%
HSV	4°, 13%, 93%
XYZ	69.1972, 67.9871, 68.0832
YIQ	216.7420, 18.5220, 5.7380

Conversions

Conversions Part 2

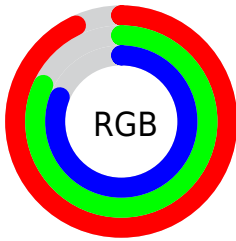
Format	Color
R _Y B	238, 208, 206
Decimal	15651022
CIE Lab	86.00, 10.15, 4.84
CIE LCh	86, 11.240, 25.496
Yxy	67.9871, 0.3371, 0.3312
Android (android.graphics.Color)	4293841102 (0xFFEED0CE)
YUV	216.7420, -5.2958, 18.6433
Hunter-Lab	82.4543, 5.5055, 8.7618

Details

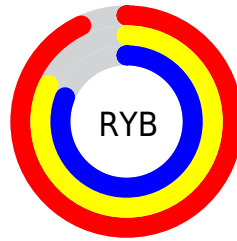
The CIELCh color **86, 11.240, 25.496** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **91, 10.285, 204.607**, and the grayscale version is **87, 0.010, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **66, 11.165, 26.030** is the 20% darker color. If you saturate the color by 10%, you get **80, 20.428, 26.177**, and if you desaturate by 10%, it is **92, 2.755, 24.867**.

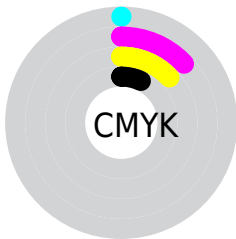
Distribution



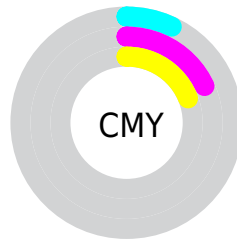
- Red (93%)
- Green (82%)
- Blue (81%)



- Red (93%)
- Yellow (82%)
- Blue (81%)



- Cyan (0%)
- Magenta (13%)
- Yellow (13%)
- Black (7%)



- Cyan (7%)
- Magenta (18%)
- Yellow (19%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 86, 11.240, 25.496 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, 11.240, 25.496 by changing the saturation by 10% instead.

 86, 11.240, 25.496

 86, 11.240, 25.496

 100, 11.240,
25.496

 76, 11.240, 25.496

 66, 11.240, 25.496

 56, 11.240, 25.496

 46, 11.240, 25.496

 36, 11.240, 25.496

 26, 11.240, 25.496

 16, 11.240, 25.496

 6, 11.240, 25.496

 0, 11.240, 25.496

86, 11.240, 25.496

86, 11.240, 25.496

80, 20.428, 26.177

92, 2.755, 24.867

74, 30.341, 27.064

98, 5.068, 204.889

69, 40.941, 28.253

99, 5.722, 199.159

64, 52.115, 29.828

59, 63.643, 31.861

56, 75.158, 34.358

53, 85.993, 37.114

51, 94.709, 39.443

50, 98.559, 40.502

Harmonies

Complementary

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



86, 11.240, 25.496



91, 10.285, 204.607

Rectangle

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



86, 11.240, 25.496



86, 11.240, 75.496



86, 11.240, 205.496



86, 11.240, 255.496

Sweetspot

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



86, 11.238, 25.508



97, 3.402, 24.925



86, 19.617, 326.551



52, 2.425, 24.987



0, 0.000, 0.000



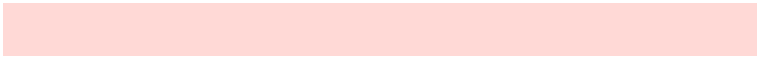
53, 0.007, 296.813

Same Dimension

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



86, 11.238, 25.508



90, 14.296, 25.667



90, 10.573, 78.891



47, 4.700, 25.280



39, 80.833, 40.668



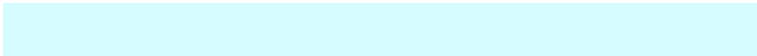
8, 28.499, 27.236

Inverse Universe

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



91, 10.285, 204.607



97, 12.842, 204.530



87, 10.331, 262.532



49, 4.419, 204.743



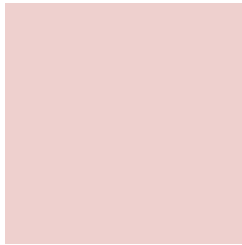
64, 36.113, 206.974



19, 15.920, 205.387

Previews

White Background



This preview shows how the CIELCh color 86, 11.240, 25.496 looks on a white background.

Color Contrast Check

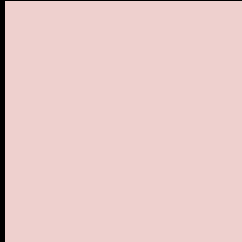
Large Text (above 18pt) WCAG AA × Fail

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, 11.240, 25.496 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

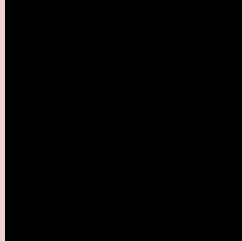
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 86, 11.240, 25.496

Background



This preview shows how black text looks on a background with the CIELCh color 86, 11.240, 25.496.

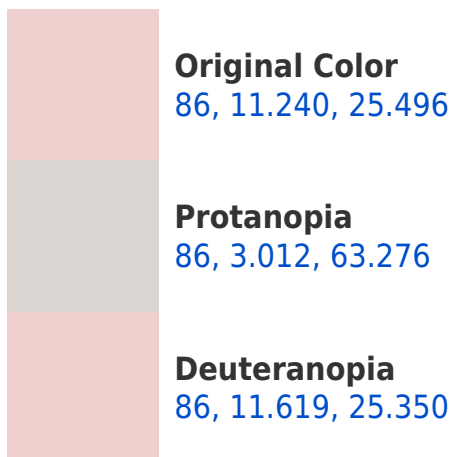


This preview shows how white text looks on a background with the CIELCh color 86, 11.240, 25.496.

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
86, 14.936, 346.491

Trichromacy



Original Color
86, 11.240, 25.496

Protanomaly
86, 5.731, 35.550

Deuteranomaly
86, 11.619, 25.350

Tritanomaly
86, 12.649, 358.552

Monochromacy



Original Color
86, 11.240, 25.496

Achromatopsia
87, 0.010, 296.813

Achromatomaly
86, 4.043, 26.967

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 86, 11.240, 25.496 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, 208, 206)` looks like.

```
.text, #text, p{  
    color:rgb(238, 208, 206)  
}
```

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, 208, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 208, 206) }
```

Border

The CSS property to change the border of an element to CIELCh 86, 11.240, 25.496 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, 208, 206) }
```

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

```
.border{ border-color:rgb(238, 208, 206) }
```

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

Here you see how a box with a 4 pixel `rgb(238, 208, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(238, 208, 206); -webkit-box-shadow:4px 4px 4px 4px rgb(238, 208, 206); box-shadow:4px 4px 4px 4px rgb(238, 208, 206) }
```

Background

The CSS property to change the background color of an element to CIELCh 86, 11.240, 25.496 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 208, 206) }
```

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

```
.background{ background-color: rgb(238,  
208, 206) }
```

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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