

Converting Colors

CIELCh(86, 15.026, 69.485)

Have a look what the booklet for
CIELCh(86, 15.026, 69.485) contains.

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Color

CIELCh(86, 15.011, 69.495)

Conversions

Conversions Part 1

Format	Color
Hex	ECD3BD
RGB	236, 211, 189
RGB Percent	93%, 83%, 74%
CMY	0.0751, 0.1731, 0.2594
CMYK	0.00, 0.11, 0.20, 0.08
HSL	28°, 55%, 83%
HSV	28°, 20%, 92%
XYZ	66.9661, 67.9871, 57.6531
YIQ	215.9670, 21.9620, -1.5420

Conversions

Conversions Part 2

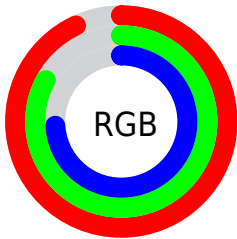
Format	Color
R _Y B	236, 230, 189
Decimal	15520701
CIE Lab	86.00, 5.26, 14.06
CIE LCh	86, 15.011, 69.495
Yxy	67.9871, 0.3477, 0.3530
Android (android.graphics.Color)	4293710781 (0xFFECD3BD)
YUV	215.9670, -13.2947, 17.5689
Hunter-Lab	82.4543, 0.6755, 16.2617

Details

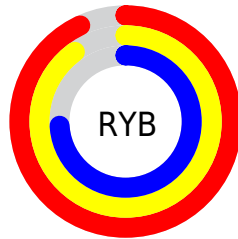
The CIELCh color **86, 15.011, 69.495** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **84, 14.087, 254.709**, and the grayscale version is **86, 0.010, 296.813**.

A 20% lighter version of the original color is **100, 5.059, 109.785**, and **66, 15.007, 70.001** is the 20% darker color. If you saturate the color by 10%, you get **82, 23.157, 68.319**, and if you desaturate by 10%, it is **90, 7.282, 70.667**.

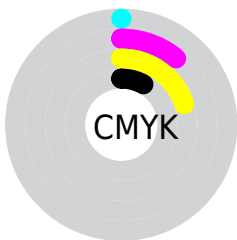
Distribution



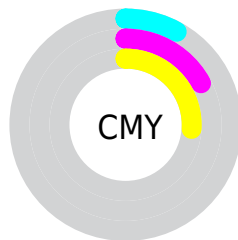
- Red (93%)
- Green (83%)
- Blue (74%)



- Red (93%)
- Yellow (90%)
- Blue (74%)



- Cyan (0%)
- Magenta (11%)
- Yellow (20%)
- Black (8%)



- Cyan (8%)
- Magenta (17%)
- Yellow (26%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 86, 15.011, 69.495 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, 15.011, 69.495 by changing the saturation by 10% instead.

 86, 15.011, 69.495

 86, 15.011, 69.495

 100, 15.011,
69.495

 76, 15.011, 69.495

 66, 15.011, 69.495

 56, 15.011, 69.495

 46, 15.011, 69.495

 36, 15.011, 69.495

 26, 15.011, 69.495

 16, 15.011, 69.495

 6, 15.011, 69.495

 0, 15.011, 69.495

86, 15.011, 69.495

86, 15.011, 69.495

82, 23.157, 68.319

90, 7.282, 70.667

79, 31.734, 67.129

93, 0.062, 259.058

76, 40.727, 65.941

97, 5.416, 237.348

72, 50.049, 64.738

99, 6.567, 199.090

69, 59.472, 63.468

66, 68.503, 62.001

63, 76.215, 60.065

61, 81.761, 57.432

61, 81.802, 57.413

Harmonies

Complementary

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



86, 15.011, 69.495



84, 14.087, 254.709

Rectangle

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



86, 15.011, 69.495



86, 15.011, 119.495



86, 15.011, 249.495



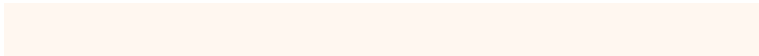
86, 15.011, 299.495

Sweetspot

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



86, 15.011, 69.506



98, 4.641, 71.088



81, 21.689, 343.585



52, 3.084, 71.021



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, 15.011, 69.506



91, 19.479, 69.011



92, 23.303, 106.826



47, 4.146, 70.719



47, 66.819, 58.108



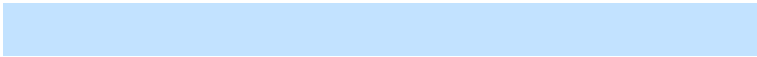
12, 22.213, 57.538

Inverse Universe

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



84, 14.087, 254.709



89, 18.007, 255.423



78, 24.331, 291.133



47, 4.035, 253.161



41, 52.294, 280.691



10, 19.478, 272.234

Previews

White Background



This preview shows how the CIELCh color 86, 15.011, 69.495 looks on a white background.

Color Contrast Check

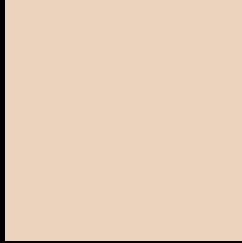
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIELCh color 86, 15.011, 69.495 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

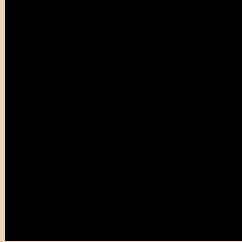
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 86, 15.011, 69.495

Background



This preview shows how black text looks on a background with the CIELCh color 86, 15.011, 69.495.



This preview shows how white text looks on a background with the CIELCh color 86, 15.011, 69.495.

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, 15.011, 69.495

Protanopia
86, 13.081, 92.259

Deuteranopia
86, 17.205, 51.171



Tritanopia
86, 14.936, 346.491

Trichromacy



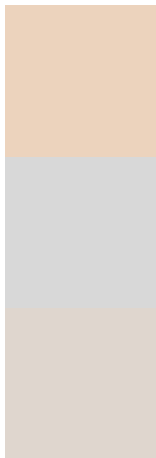
Original Color
86, 15.011, 69.495

Protanomaly
86, 13.480, 82.260

Deuteranomaly
86, 16.178, 55.490

Tritanomaly
86, 11.159, 14.846

Monochromacy



Original Color
86, 15.011, 69.495

Achromatopsia
86, 0.010, 296.813

Achromatomaly
86, 5.319, 71.191

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 86, 15.011, 69.495 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, 211, 189)` looks like.

```
.text, #text, p{  
    color:rgb(236, 211, 189)  
}
```

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, 211, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 211, 189) }
```

Border

The CSS property to change the border of an element to CIELCh 86, 15.011, 69.495 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, 211, 189) }
```

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

```
.border{ border-color:rgb(236, 211, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(236, 211, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 211, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 211, 189);  
box-shadow:4px 4px 4px 4px rgb(236, 211,  
189) }
```

Background

The CSS property to change the background color of an element to CIELCh 86, 15.011, 69.495 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 211, 189) }
```

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

```
.background{ background-color: rgb(236,  
211, 189) }
```

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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