

Converting Colors

CIELCh(86, 19.376, 65.990)

Have a look what the booklet for
CIELCh(86, 19.376, 65.990) contains.

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Color

CIELCh(86, 19.465, 66.091)

Conversions

Conversions Part 1

Format	Color
Hex	F3D1B6
RGB	243, 209, 182
RGB Percent	95%, 82%, 71%
CMY	0.0473, 0.1806, 0.2865
CMYK	0.00, 0.14, 0.25, 0.05
HSL	27°, 72%, 83%
HSV	27°, 25%, 95%
XYZ	68.1610, 67.9871, 53.7522
YIQ	216.0880, 28.9310, -1.1890

Conversions

Conversions Part 2

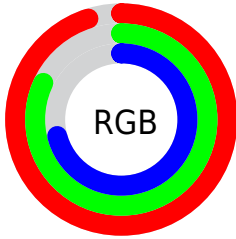
Format	Color
R _Y B	243, 230, 182
Decimal	15978934
CIE Lab	86.00, 7.89, 17.79
CIE LCh	86, 19.465, 66.091
Yxy	67.9871, 0.3589, 0.3580
Android (android.graphics.Color)	4294169014 (0xFFFF3D1B6)
YUV	216.0880, -16.8054, 23.6018
Hunter-Lab	82.4543, 3.2623, 19.0666

Details

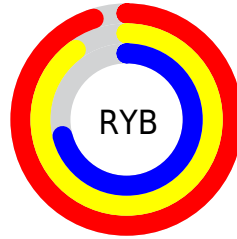
The CIELCh color $86, 19.465, 66.091$ is a light color, and the websafe version is hex `FFCCCC`. A complement of this color would be $85, 17.725, 252.573$, and the grayscale version is $86, 0.010, 296.813$.

A 20% lighter version of the original color is $100, 8.605, 109.524$, and $66, 19.486, 66.992$ is the 20% darker color. If you saturate the color by 10%, you get $82, 28.024, 64.983$, and if you desaturate by 10%, it is $90, 11.380, 67.218$.

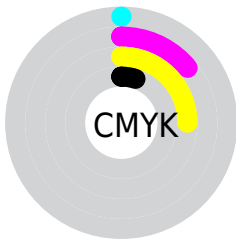
Distribution



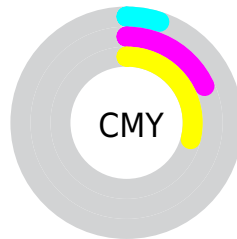
- Red (95%)
- Green (82%)
- Blue (71%)



- Red (95%)
- Yellow (90%)
- Blue (71%)



- Cyan (0%)
- Magenta (14%)
- Yellow (25%)
- Black (5%)



- Cyan (5%)
- Magenta (18%)
- Yellow (29%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 86, 19.465, 66.091 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, 19.465, 66.091 by changing the saturation by 10% instead.

 86, 19.465, 66.091

 86, 19.465, 66.091

 100, 19.465,
66.091

 76, 19.465, 66.091

 66, 19.465, 66.091

 56, 19.465, 66.091

 46, 19.465, 66.091

 36, 19.465, 66.091

 26, 19.465, 66.091

 16, 19.465, 66.091

 6, 19.465, 66.091

 0, 19.465, 66.091

86, 19.465, 66.091

86, 19.465, 66.091

82, 28.024, 64.983

90, 11.380, 67.218

79, 37.065, 63.880

94, 3.738, 68.267

75, 46.548, 62.788

98, 3.502, 249.657

72, 56.333, 61.678

99, 4.164, 199.300

68, 66.076, 60.460

65, 75.060, 58.932

63, 82.071, 56.709

61, 84.777, 55.425

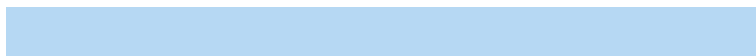
Harmonies

Complementary

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



86, 19.465, 66.091



85, 17.725, 252.573

Rectangle

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



86, 19.465, 66.091



86, 19.465, 116.091



86, 19.465, 246.091



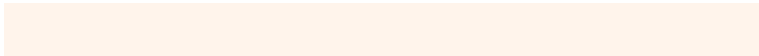
86, 19.465, 296.091

Sweetspot

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



86, 19.465, 66.100



97, 6.142, 67.984



80, 28.698, 342.340



51, 4.384, 67.826



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, 19.465, 66.100



88, 24.543, 65.544



93, 29.069, 104.766



49, 4.239, 67.830



48, 69.098, 56.100



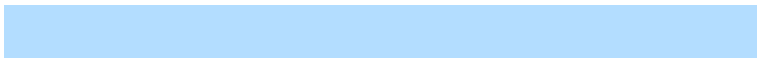
14, 24.771, 55.624

Inverse Universe

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



85, 17.725, 252.573



86, 21.883, 253.498



77, 30.603, 290.489



49, 4.109, 250.201



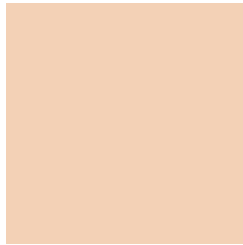
43, 50.767, 277.872



12, 20.043, 270.133

Previews

White Background



This preview shows how the CIELCh color 86, 19.465, 66.091 looks on a white background.

Color Contrast Check

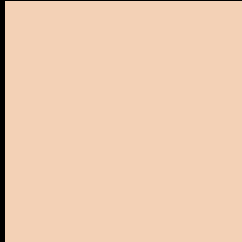
Large Text (above 18pt) WCAG AA × Fail

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, 19.465, 66.091 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

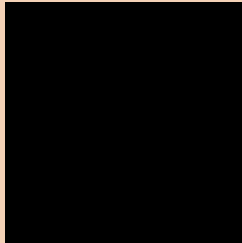
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 86, 19.465, 66.091

Background



This preview shows how black text looks on a background with the CIELCh color 86, 19.465, 66.091.



This preview shows how white text looks on a background with the CIELCh color 86, 19.465, 66.091.

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, 19.465, 66.091

Protanopia

86, 16.206, 93.765

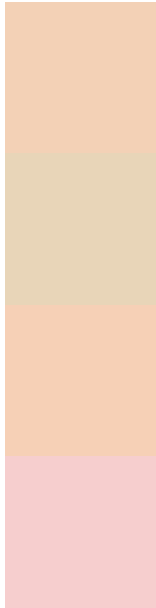
Deuteranopia

86, 20.824, 58.790



Tritanopia
86, 17.585, 354.368

Trichromacy



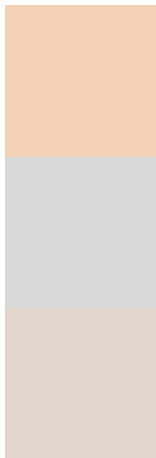
Original Color
86, 19.465, 66.091

Protanomaly
86, 16.844, 83.103

Deuteranomaly
86, 20.249, 61.940

Tritanomaly
86, 14.991, 20.504

Monochromacy



Original Color
86, 19.465, 66.091

Achromatopsia
86, 0.010, 296.813

Achromatomaly
86, 6.723, 63.905

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 86, 19.465, 66.091 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(243, 209, 182)` looks like.

```
.text, #text, p{  
    color:rgb(243, 209, 182)  
}
```

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(243, 209, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 209, 182) }
```

Border

The CSS property to change the border of an element to CIELCh 86, 19.465, 66.091 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(243, 209, 182) }
```

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

```
.border{ border-color:rgb(243, 209, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(243, 209, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 209, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 209, 182);  
box-shadow:4px 4px 4px 4px rgb(243, 209,  
182) }
```

Background

The CSS property to change the background color of an element to CIELCh 86, 19.465, 66.091 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 209, 182) }
```

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

```
.background{ background-color: rgb(243,  
209, 182) }
```

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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