

Converting Colors

CIELCh(86, 30.641, 77.031)

Have a look what the booklet for
CIELCh(86, 30.641, 77.031) contains.

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Color

CIELCh(86, 30.695, 77.061)

Conversions

Conversions Part 1

Format	Color
Hex	F8D19F
RGB	248, 209, 159
RGB Percent	97%, 82%, 62%
CMY	0.0279, 0.1808, 0.3769
CMYK	0.00, 0.16, 0.36, 0.03
HSL	34°, 86%, 80%
HSV	34°, 36%, 97%
XYZ	67.6979, 67.9871, 42.3107
YIQ	214.9610, 39.2940, -7.2820

Conversions

Conversions Part 2

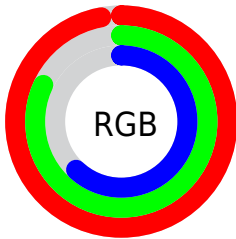
Format	Color
R_{YB}	228, 248, 159
Decimal	16306591
CIE _{Lab}	86.00, 6.87, 29.92
CIE _{LCh}	86, 30.695, 77.061
Yxy	67.9871, 0.3803, 0.3820
Android (android.graphics.Color)	4294496671 (0xFFFF8D19F)
YUV	214.9610, -27.5888, 28.9752
Hunter-Lab	82.4543, 2.2598, 27.2938

Details

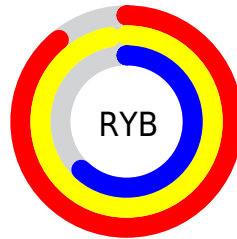
The CIELCh color $86, 30.695, 77.061$ is a light color, and the websafe version is hex `FFCC99`. A complement of this color would be $79, 28.810, 267.915$, and the grayscale version is $86, 0.010, 296.813$.

A 20% lighter version of the original color is $99, 20.719, 108.609$, and $66, 30.744, 77.641$ is the 20% darker color. If you saturate the color by 10%, you get $83, 39.925, 75.680$, and if you desaturate by 10%, it is $89, 21.744, 78.422$.

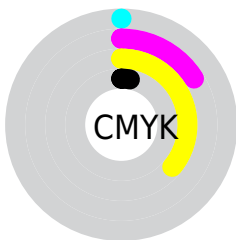
Distribution



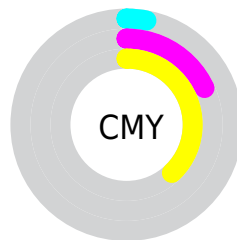
- Red (97%)
- Green (82%)
- Blue (62%)



- Red (89%)
- Yellow (97%)
- Blue (62%)



- Cyan (0%)
- Magenta (16%)
- Yellow (36%)
- Black (3%)



- Cyan (3%)
- Magenta (18%)
- Yellow (38%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 86, 30.695, 77.061 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, 30.695, 77.061 by changing the saturation by 10% instead.

 86, 30.695, 77.061

 86, 30.695, 77.061

 100, 30.695,
77.061

 76, 30.695, 77.061

 66, 30.695, 77.061

 56, 30.695, 77.061

 46, 30.695, 77.061

 36, 30.695, 77.061

 26, 30.695, 77.061

 16, 30.695, 77.061

 6, 30.695, 77.061

 0, 30.695, 77.061

86, 30.695, 77.061

86, 30.695, 77.061

83, 39.925, 75.680

89, 21.744, 78.422

80, 49.334, 74.249

92, 13.101, 79.740

77, 58.700, 72.741

96, 4.768, 80.985

74, 67.571, 71.070

99, 2.041, 241.175

72, 75.140, 69.061

99, 2.463, 199.518

69, 80.307, 66.419

68, 81.878, 65.207

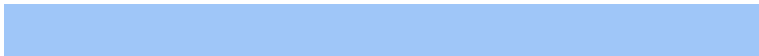
Harmonies

Complementary

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



86, 30.695, 77.061



79, 28.810, 267.915

Rectangle

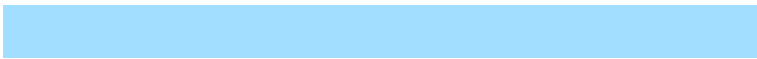
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



86, 30.695, 77.061



86, 30.695, 127.061



86, 30.695, 257.061



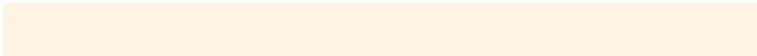
86, 30.695, 307.061

Sweetspot

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



86, 30.695, 77.067



96, 9.190, 80.364



75, 38.996, 350.167



51, 6.191, 80.192



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, 30.695, 77.067



86, 38.092, 76.076



95, 44.704, 108.937



51, 4.658, 80.553



53, 66.571, 65.863



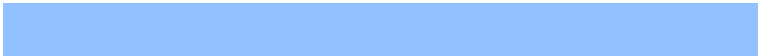
16, 25.973, 67.970

Inverse Universe

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



79, 28.810, 267.915



77, 35.285, 269.627



69, 48.963, 296.418



49, 4.597, 263.139



37, 65.073, 289.628



10, 25.632, 283.254

Previews

White Background



This preview shows how the CIE LCh color 86, 30.695, 77.061 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, 30.695, 77.061 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

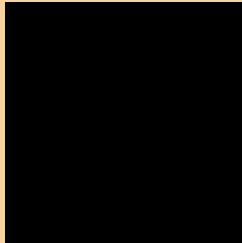
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 86, 30.695, 77.061

Background



This preview shows how black text looks on a background with the CIELCh color 86, 30.695, 77.061.



This preview shows how white text looks on a background with the CIELCh color 86, 30.695, 77.061.

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, 30.695, 77.061

Protanopia

86, 28.298, 94.814

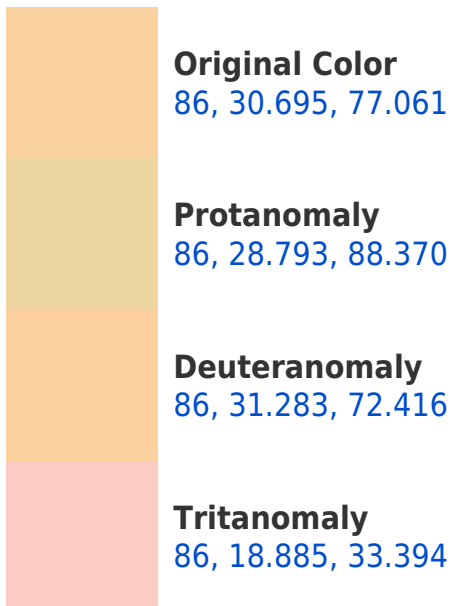
Deuteranopia

86, 31.659, 70.169

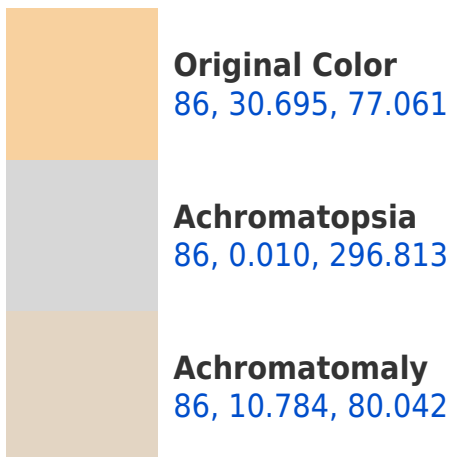


Tritanopia
86, 21.208, 357.981

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 86, 30.695, 77.061 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(248, 209, 159)` looks like.

```
.text, #text, p{  
    color:rgb(248, 209, 159)  
}
```

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(248, 209, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 209, 159) }
```

Border

The CSS property to change the border of an element to CIELCh 86, 30.695, 77.061 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(248, 209, 159) }
```

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

```
.border{ border-color:rgb(248, 209, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(248, 209, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 209, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 209, 159);  
box-shadow:4px 4px 4px 4px rgb(248, 209,  
159) }
```

Background

The CSS property to change the background color of an element to CIELCh 86, 30.695, 77.061 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 209, 159) }
```

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

```
.background{ background-color: rgb(248,  
209, 159) }
```

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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