

Converting Colors

CIELCh(86, 31.918, 78.673)

Have a look what the booklet for
CIELCh(86, 31.918, 78.673) contains.

CIELCh(86, 32.071, 78.254)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(86, 32.071, 78.254)

Conversions

Conversions Part 1

Format	Color
Hex	F8D19C
RGB	248, 209, 156
RGB Percent	97%, 82%, 61%
CMY	0.0273, 0.1802, 0.3881
CMYK	0.00, 0.16, 0.37, 0.03
HSL	35°, 87%, 79%
HSV	35°, 37%, 97%
XYZ	67.5414, 67.9871, 41.0333
YIQ	214.6190, 40.2570, -8.2150

Conversions

Conversions Part 2

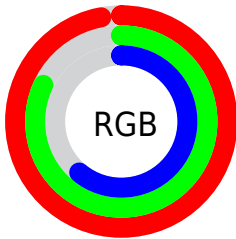
Format	Color
RYB	224, 248, 156
Decimal	16306588
CIELab	86.00, 6.53, 31.40
CIElCh	86, 32.071, 78.254
Yxy	67.9871, 0.3825, 0.3851
Android (android.graphics.Color)	4294496668 (0xFFF8D19C)
YUV	214.6190, -28.8992, 29.2751
Hunter-Lab	82.4543, 1.9211, 28.2124

Details

The CIELCh color **86, 32.071, 78.254** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **78, 30.300, 269.558**, and the grayscale version is **86, 0.010, 296.813**.

A 20% lighter version of the original color is **99, 22.227, 108.494**, and **66, 32.196, 78.783** is the 20% darker color. If you saturate the color by 10%, you get **83, 41.354, 76.855**, and if you desaturate by 10%, it is **89, 23.032, 79.629**.

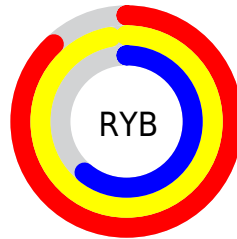
Distribution



Red (97%)

Green (82%)

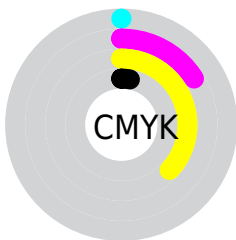
Blue (61%)



Red (88%)

Yellow (97%)

Blue (61%)

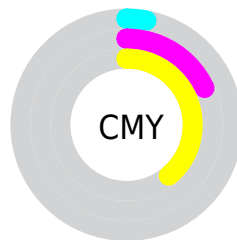


Cyan (0%)

Magenta (16%)

Yellow (37%)

Black (3%)



Cyan (3%)

Magenta (18%)

Yellow (39%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 86, 32.071, 78.254 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, 32.071, 78.254 by changing the saturation by 10% instead.

 86, 32.071, 78.254

 86, 32.071, 78.254

 100, 32.071,
78.254

 76, 32.071, 78.254

 66, 32.071, 78.254

 56, 32.071, 78.254

 46, 32.071, 78.254

 36, 32.071, 78.254

 26, 32.071, 78.254

 16, 32.071, 78.254

 6, 32.071, 78.254

 0, 32.071, 78.254

86, 32.071, 78.254

86, 32.071, 78.254

83, 41.354, 76.855

89, 23.032, 79.629

80, 50.764, 75.401

92, 14.279, 80.960

77, 60.047, 73.861

95, 5.819, 82.227

75, 68.706, 72.144

99, 2.245, 262.176

72, 75.884, 70.067

99, 2.411, 199.527

70, 80.532, 67.351

69, 81.602, 66.504

Harmonies

Complementary

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



86, 32.071, 78.254



78, 30.300, 269.558

Rectangle

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



86, 32.071, 78.254



86, 32.071, 128.254



86, 32.071, 258.254



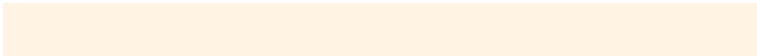
86, 32.071, 308.254

Sweetspot

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



86, 32.071, 78.260



96, 9.298, 81.742



75, 39.968, 351.371



51, 6.263, 81.570



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, 32.071, 78.260



86, 40.295, 77.142



95, 46.187, 109.581



51, 4.714, 81.933



54, 66.339, 67.150



17, 26.052, 69.423

Inverse Universe

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



78, 30.300, 269.558



76, 37.610, 271.505



68, 50.756, 297.113



49, 4.661, 264.518



37, 66.831, 290.738



10, 26.282, 284.490

Previews

White Background



This preview shows how the CIELCh color 86, 32.071, 78.254 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, 32.071, 78.254 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, 32.071, 78.254

Background



This preview shows how black text looks on a background with the CIELCh color 86, 32.071, 78.254.



This preview shows how white text looks on a background with the CIELCh color 86, 32.071, 78.254.

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, 32.071, 78.254

Protanopia

86, 29.806, 95.297

Deuteranopia

86, 32.783, 70.576



Tritanopia
86, 21.208, 357.981

Trichromacy



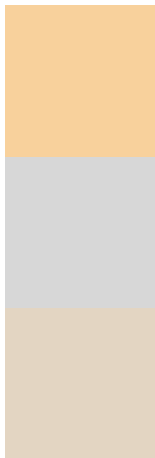
Original Color
86, 32.071, 78.254

Protanomaly
86, 30.267, 89.142

Deuteranomaly
86, 32.164, 73.334

Tritanomaly
86, 19.047, 34.880

Monochromacy



Original Color
86, 32.071, 78.254

Achromatopsia
86, 0.010, 296.813

Achromatomaly
86, 11.248, 81.265

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 86, 32.071, 78.254 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, 156)` looks like.

```
.text, #text, p{  
    color:rgb(248, 209, 156)  
}
```

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, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 209, 156) }
```

Border

The CSS property to change the border of an element to CIELCh 86, 32.071, 78.254 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, 156) }
```

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

```
.border{ border-color:rgb(248, 209, 156) }
```

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, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 209, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 209, 156);  
box-shadow:4px 4px 4px 4px rgb(248, 209,  
156) }
```

Background

The CSS property to change the background color of an element to CIELCh 86, 32.071, 78.254 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, 156) }
```

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

```
.background{ background-color: rgb(248,  
209, 156) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor