

Converting Colors

CIELCh(86, 20.210, 75.365)

Have a look what the booklet for
CIELCh(86, 20.210, 75.365) contains.

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Color

CIELCh(86, 20.502, 76.424)

Conversions

Conversions Part 1

Format	Color
Hex	EFD3B2
RGB	239, 211, 178
RGB Percent	94%, 83%, 70%
CMY	0.0637, 0.1734, 0.3028
CMYK	0.00, 0.12, 0.26, 0.06
HSL	32°, 65%, 82%
HSV	32°, 26%, 94%
XYZ	66.7650, 67.9871, 51.6040
YIQ	215.6100, 27.2810, -4.3270

Conversions

Conversions Part 2

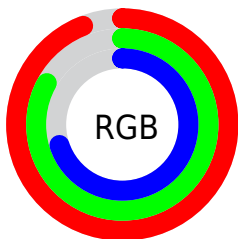
Format	Color
R _Y B	230, 239, 178
Decimal	15717298
CIE Lab	86.00, 4.81, 19.93
CIE LCh	86, 20.502, 76.424
Yxy	67.9871, 0.3583, 0.3648
Android (android.graphics.Color)	4293907378 (0xFFEFD3B2)
YUV	215.6100, -18.5417, 20.6130
Hunter-Lab	82.4543, 0.2403, 20.6114

Details

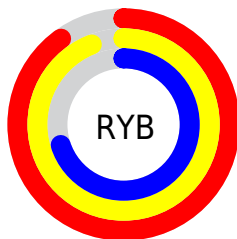
The CIELCh color $86, 20.502, 76.424$ is a light color, and the websafe version is hex `FFCC99`. A complement of this color would be $82, 19.461, 263.685$, and the grayscale version is $86, 0.010, 296.813$.

A 20% lighter version of the original color is $100, 10.630, 109.373$, and $66, 20.634, 77.727$ is the 20% darker color. If you saturate the color by 10%, you get $83, 29.110, 75.102$, and if you desaturate by 10%, it is $89, 12.225, 77.730$.

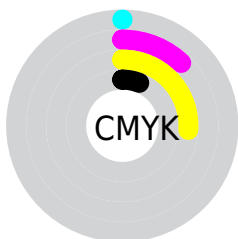
Distribution



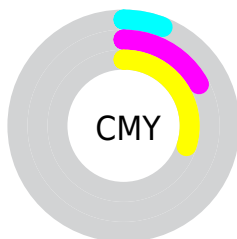
- Red (94%)
- Green (83%)
- Blue (70%)



- Red (90%)
- Yellow (94%)
- Blue (70%)



- Cyan (0%)
- Magenta (12%)
- Yellow (26%)
- Black (6%)



- Cyan (6%)
- Magenta (17%)
- Yellow (30%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 86, 20.502, 76.424 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, 20.502, 76.424 by changing the saturation by 10% instead.

 86, 20.502, 76.424

 86, 20.502, 76.424

 100, 20.502,
76.424

 76, 20.502, 76.424

 66, 20.502, 76.424

 56, 20.502, 76.424

 46, 20.502, 76.424

 36, 20.502, 76.424

 26, 20.502, 76.424

 16, 20.502, 76.424

 6, 20.502, 76.424

 0, 20.502, 76.424

86, 20.502, 76.424

86, 20.502, 76.424

83, 29.110, 75.102

89, 12.225, 77.730

80, 38.026, 73.745

93, 4.269, 78.951

77, 47.168, 72.352

96, 3.385, 260.399

74, 56.341, 70.889

99, 5.446, 201.326

71, 65.137, 69.272

99, 5.583, 199.170

69, 72.800, 67.322

66, 78.247, 64.734

65, 80.087, 63.435

Harmonies

Complementary

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



86, 20.502, 76.424



82, 19.461, 263.685

Rectangle

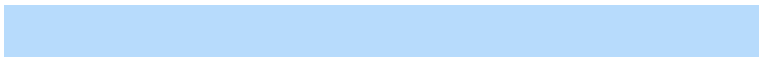
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



86, 20.502, 76.424



86, 20.502, 126.424



86, 20.502, 256.424



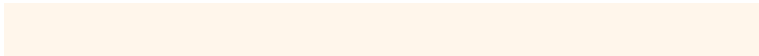
86, 20.502, 306.424

Sweetspot

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



86, 20.503, 76.432



97, 6.535, 78.664



79, 27.050, 347.900



51, 4.659, 78.482



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, 20.503, 76.432



89, 26.545, 75.695



93, 31.089, 109.138



48, 4.428, 78.489



51, 65.607, 64.100



14, 23.487, 65.555

Inverse Universe

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



82, 19.461, 263.685



84, 24.877, 264.786



75, 33.044, 294.357



48, 4.357, 261.056



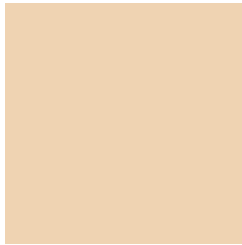
38, 61.157, 287.823



9, 22.983, 280.494

Previews

White Background



This preview shows how the CIELCh color 86, 20.502, 76.424 looks on a white background.

Color Contrast Check

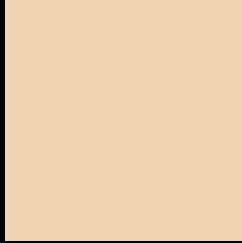
Large Text (above 18pt) WCAG AA × Fail

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, 20.502, 76.424 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

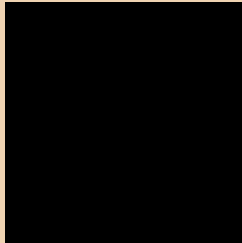
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 86, 20.502, 76.424

Background



This preview shows how black text looks on a background with the CIELCh color 86, 20.502, 76.424.

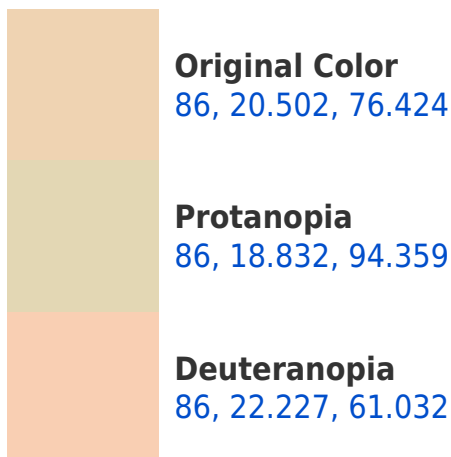


This preview shows how white text looks on a background with the CIELCh color 86, 20.502, 76.424.

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, 16.500, 350.268

Trichromacy



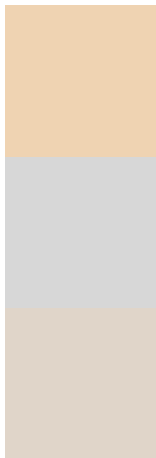
Original Color
86, 20.502, 76.424

Protanomaly
86, 19.100, 87.187

Deuteranomaly
86, 21.121, 65.529

Tritanomaly
86, 13.156, 24.870

Monochromacy



Original Color
86, 20.502, 76.424

Achromatopsia
86, 0.010, 296.813

Achromatomaly
86, 7.478, 76.411

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 86, 20.502, 76.424 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(239, 211, 178)` looks like.

```
.text, #text, p{  
    color:rgb(239, 211, 178)  
}
```

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(239, 211, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 211, 178) }
```

Border

The CSS property to change the border of an element to CIELCh 86, 20.502, 76.424 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(239, 211, 178) }
```

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

```
.border{ border-color:rgb(239, 211, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(239, 211, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 211, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 211, 178);  
box-shadow:4px 4px 4px 4px rgb(239, 211,  
178) }
```

Background

The CSS property to change the background color of an element to CIELCh 86, 20.502, 76.424 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 211, 178) }
```

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

```
.background{ background-color: rgb(239,  
211, 178) }
```

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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