

Converting Colors

CIELCh(86, 20.332, 90.871)

Have a look what the booklet for
CIELCh(86, 20.332, 90.871) contains.

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Color

CIELCh(86, 20.294, 90.656)

Conversions

Conversions Part 1

Format	Color
Hex	E6D6B1
RGB	230, 214, 177
RGB Percent	90%, 84%, 69%
CMY	0.0986, 0.1613, 0.3064
CMYK	0.00, 0.07, 0.23, 0.10
HSL	42°, 51%, 80%
HSV	42°, 23%, 90%
XYZ	64.5173, 67.9871, 51.2440
YIQ	214.5660, 21.4130, -8.1150

Conversions

Conversions Part 2

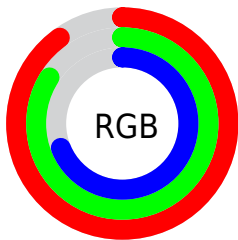
Format	Color
R _Y B	200, 230, 177
Decimal	15128241
CIE Lab	86.00, -0.23, 20.29
CIE LCh	86, 20.294, 90.656
Yxy	67.9871, 0.3511, 0.3700
Android (android.graphics.Color)	4293318321 (0xFFE6D6B1)
YUV	214.5660, -18.5200, 13.5356
Hunter-Lab	82.4543, -4.6256, 20.8703

Details

The CIELCh color **86, 20.294, 90.656** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **78, 20.363, 276.893**, and the grayscale version is **86, 0.010, 296.813**.

A 20% lighter version of the original color is **99, 11.136, 109.335**, and **66, 20.288, 90.124** is the 20% darker color. If you saturate the color by 10%, you get **84, 29.321, 89.344**, and if you desaturate by 10%, it is **88, 11.390, 91.937**.

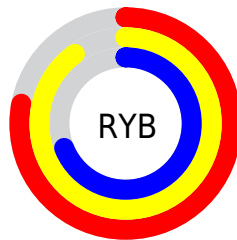
Distribution



Red (90%)

Green (84%)

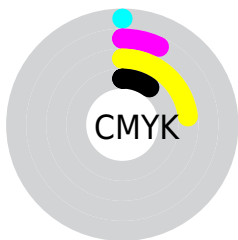
Blue (69%)



Red (78%)

Yellow (90%)

Blue (69%)

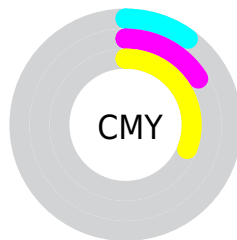


Cyan (0%)

Magenta (7%)

Yellow (23%)

Black (10%)



Cyan (10%)

Magenta (16%)

Yellow (31%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 86, 20.294, 90.656 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, 20.294, 90.656 by changing the saturation by 10% instead.

 86, 20.294, 90.656

 86, 20.294, 90.656

 100, 20.294,
90.656

 76, 20.294, 90.656

 66, 20.294, 90.656

 56, 20.294, 90.656

 46, 20.294, 90.656

 36, 20.294, 90.656

 26, 20.294, 90.656

 16, 20.294, 90.656

 6, 20.294, 90.656

 0, 20.294, 90.656

86, 20.294, 90.656

86, 20.294, 90.656

84, 29.321, 89.344

88, 11.390, 91.937

82, 38.405, 87.985

91, 2.634, 93.105

80, 47.418, 86.585

93, 5.967, 274.430

78, 56.120, 85.130

95, 7.890, 260.244

76, 64.083, 83.582

97, 7.111, 226.887

74, 70.625, 81.863

98, 8.570, 198.941

72, 74.885, 79.833

71, 76.513, 78.218

Harmonies

Complementary

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



86, 20.294, 90.656



78, 20.363, 276.893

Rectangle

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



86, 20.294, 90.656



86, 20.294, 140.656



86, 20.294, 270.656



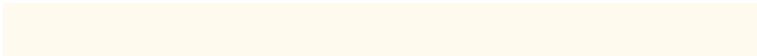
86, 20.294, 320.656

Sweetspot

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



86, 20.295, 90.663



98, 6.604, 92.669



77, 21.825, 357.210



52, 4.294, 92.597



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, 20.295, 90.663



93, 26.924, 89.995



89, 27.523, 115.719



47, 4.932, 92.380



56, 63.375, 78.686



15, 22.547, 81.634

Inverse Universe

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



78, 20.363, 276.893



82, 27.041, 277.801



75, 28.960, 299.241



45, 4.947, 274.814



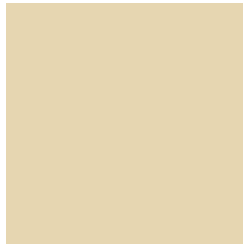
29, 78.359, 298.180



5, 26.413, 289.144

Previews

White Background



This preview shows how the CIELCh color 86, 20.294, 90.656 looks on a white background.

Color Contrast Check

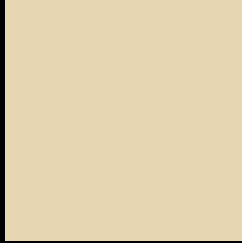
Large Text (above 18pt) WCAG AA × Fail

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, 20.294, 90.656 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

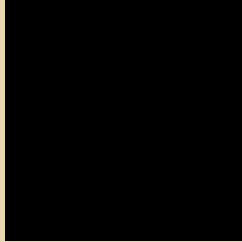
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

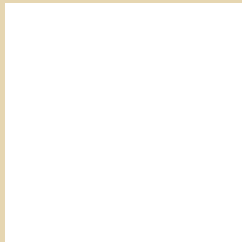
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 86, 20.294, 90.656

Background



This preview shows how black text looks on a background with the CIELCh color 86, 20.294, 90.656.

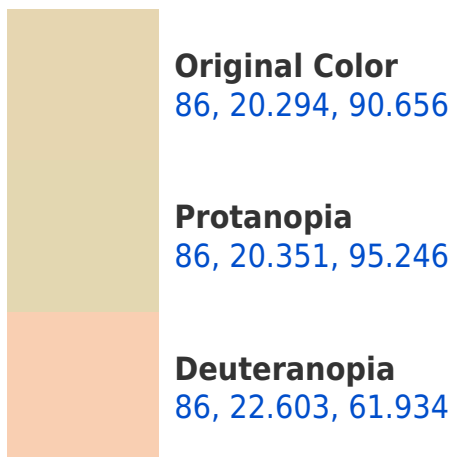



This preview shows how white text looks on a background with the CIELCh color 86, 20.294, 90.656.

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](#).

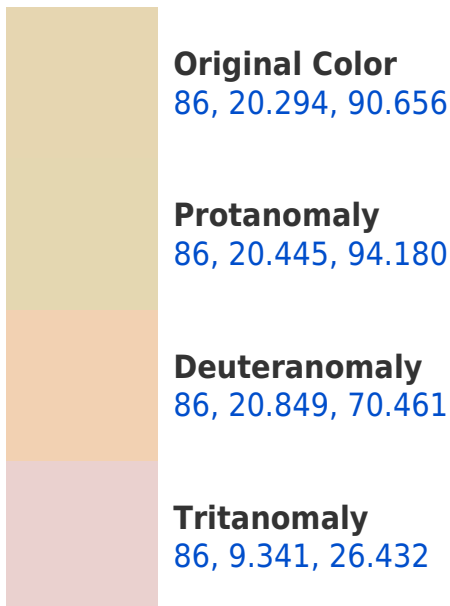
Dichromacy





Tritanopia
86, 13.780, 340.211

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 86, 20.294, 90.656 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(230, 214, 177)` looks like.

```
.text, #text, p{  
    color:rgb(230, 214, 177)  
}
```

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(230, 214, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 214, 177) }
```

Border

The CSS property to change the border of an element to CIELCh 86, 20.294, 90.656 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(230, 214, 177) }
```

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

```
.border{ border-color:rgb(230, 214, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(230, 214, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(230, 214, 177); -webkit-box-shadow:4px 4px 4px 4px rgb(230, 214, 177); box-shadow:4px 4px 4px 4px rgb(230, 214, 177) }
```

Background

The CSS property to change the background color of an element to CIELCh 86, 20.294, 90.656 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 214, 177) }
```

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

```
.background{ background-color: rgb(230,  
214, 177) }
```

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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