

Converting Colors

CIELCh(88, 20.227, 105.657)

Have a look what the booklet for
CIELCh(88, 20.227, 105.657)
contains.

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Color

CIELCh(88, 20.214, 106.316)

Conversions

Conversions Part 1

Format	Color
Hex	E1DFB8
RGB	225, 223, 184
RGB Percent	88%, 87%, 72%
CMY	0.1186, 0.1264, 0.2793
CMYK	0.00, 0.01, 0.18, 0.12
HSL	57°, 40%, 80%
HSV	57°, 18%, 88%
XYZ	65.9256, 72.0653, 55.6545
YIQ	219.1520, 13.7110, -11.7050

Conversions

Conversions Part 2

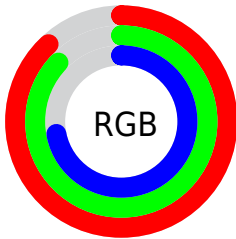
Format	Color
R _Y B	186, 225, 184
Decimal	14802872
CIE Lab	88.00, -5.68, 19.40
CIE LCh	88, 20.214, 106.316
Yxy	72.0653, 0.3404, 0.3722
Android (android.graphics.Color)	4292992952 (0xFFE1DFB8)
YUV	219.1520, -17.3299, 5.1287
Hunter-Lab	84.8913, -9.9387, 20.5535

Details

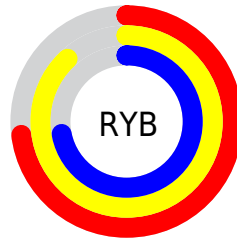
The CIELCh color **88, 20.214, 106.316** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **76, 20.995, 290.268**, and the grayscale version is **87, 0.010, 296.813**.

A 20% lighter version of the original color is **100, 7.593, 109.599**, and **68, 20.177, 106.924** is the 20% darker color. If you saturate the color by 10%, you get **87, 31.189, 105.300**, and if you desaturate by 10%, it is **89, 9.140, 107.332**.

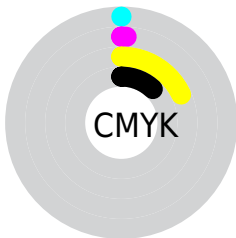
Distribution



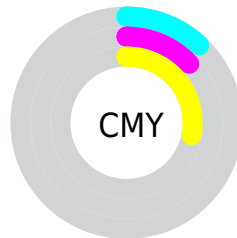
- Red (88%)
- Green (87%)
- Blue (72%)



- Red (73%)
- Yellow (88%)
- Blue (72%)



- Cyan (0%)
- Magenta (1%)
- Yellow (18%)
- Black (12%)





- Cyan (12%)
- Magenta (13%)
- Yellow (28%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 88, 20.214, 106.316 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 88, 20.214, 106.316 by changing the saturation by 10% instead.


 88, 20.214,
106.316


 88, 20.214,
106.316


 100, 20.214,
106.316


 78, 20.214,
106.316

 68, 20.214,
106.316

 58, 20.214,
106.316

 48, 20.214,
106.316

 38, 20.214,
106.316

 28, 20.214,
106.316

 18, 20.214,

106.316

■ 8, 20.214, 106.316

■ 0, 20.214, 106.316

■ 88, 20.214,
106.316

■ 88, 20.214,
106.316

■ 87, 31.189,
105.300

■ 89, 9.140, 107.332

■ 87, 41.949,
104.287

■ 90, 1.970, 288.385

■ 86, 52.318,
103.301

■ 90, 13.069,
289.314

■ 86, 62.019,
102.368

■ 91, 14.472,
288.156

■ 85, 70.635,

■ 91, 13.913,
286.455

101.516

91, 13.368,
284.617

85, 77.613,
100.778

92, 12.838,
282.629

84, 82.370,
100.177

92, 12.324,
280.476

84, 84.683, 99.713

92, 11.829,
278.145

84, 84.979, 99.638

Harmonies

Complementary

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



88, 20.214, 106.316



76, 20.995, 290.268

Rectangle

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



88, 20.214, 106.316



88, 20.214, 156.316



88, 20.214, 286.316



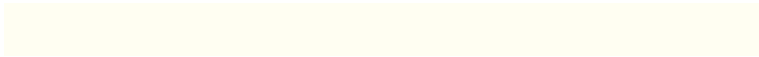
88, 20.214, 336.316

Sweetspot

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



88, 20.216, 106.322



100, 6.143, 107.647



78, 15.709, 16.726



53, 4.192, 107.578



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



88, 20.216, 106.322



98, 26.988, 105.922



87, 22.407, 126.442



47, 6.293, 107.211



67, 70.813, 99.692



18, 26.674, 101.228

Inverse Universe

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



76, 20.995, 290.268



83, 28.275, 290.805



77, 23.037, 308.204



43, 6.421, 289.182



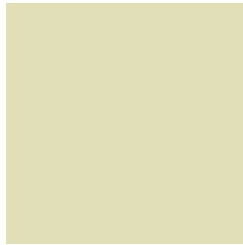
21, 99.053, 305.668



2, 30.564, 294.839

Previews

White Background



This preview shows how the CIELCh color 88, 20.214, 106.316 looks on a white background.

Color Contrast Check

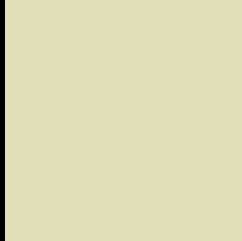
Large Text (above 18pt) WCAG AA × Fail

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 88, 20.214, 106.316 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

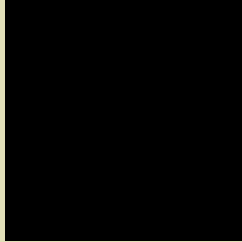
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

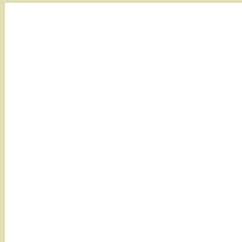
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 88, 20.214, 106.316

Background



This preview shows how black text looks on a background with the CIELCh color 88, 20.214, 106.316.

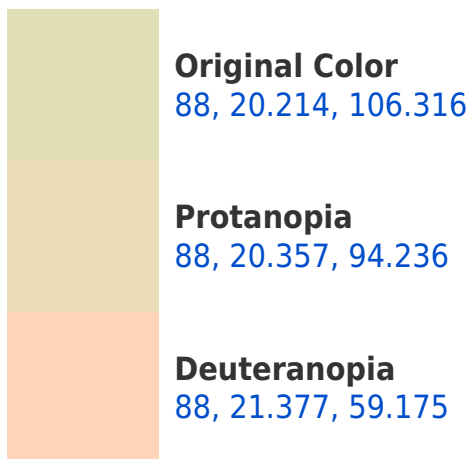


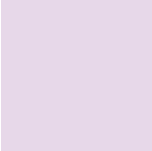
This preview shows how white text looks on a background with the CIELCh color 88, 20.214, 106.316.

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](#).

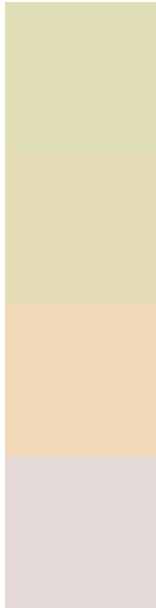
Dichromacy





Tritanopia
88, 10.406, 321.538

Trichromacy



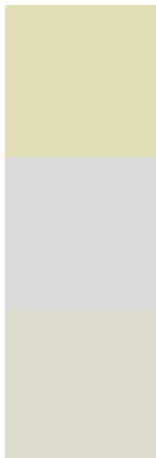
Original Color
88, 20.214, 106.316

Protanomaly
88, 20.011, 98.555

Deuteranomaly
88, 19.287, 75.986

Tritanomaly
88, 4.294, 40.845

Monochromacy



Original Color
88, 20.214, 106.316

Achromatopsia
87, 0.010, 296.813

Achromatomaly
87, 7.292, 106.665

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 88, 20.214, 106.316 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(225, 223, 184)` looks like.

```
.text, #text, p{  
    color:rgb(225, 223, 184)  
}
```

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(225, 223, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 223, 184) }
```

Border

The CSS property to change the border of an element to CIELCh 88, 20.214, 106.316 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(225, 223, 184) }
```

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

```
.border{ border-color:rgb(225, 223, 184) }
```

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

Here you see how a box with a 4 pixel rgb(225, 223, 184) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 223, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 223, 184);  
box-shadow:4px 4px 4px 4px rgb(225, 223,  
184) }
```

Background

The CSS property to change the background color of an element to CIELCh 88, 20.214, 106.316 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 223, 184) }
```

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

```
.background{ background-color: rgb(225,  
223, 184) }
```

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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