

Converting Colors

CIELCh(88, 29.331, 90.492)

Have a look what the booklet for
CIELCh(88, 29.331, 90.492) contains.

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Color

CIELCh(88, 29.356, 90.475)

Conversions

Conversions Part 1

Format	Color
Hex	F1DBA5
RGB	241, 219, 165
RGB Percent	95%, 86%, 65%
CMY	0.0550, 0.1412, 0.3530
CMYK	0.00, 0.09, 0.32, 0.05
HSL	43°, 73%, 80%
HSV	43°, 32%, 95%
XYZ	68.3844, 72.0653, 45.8940
YIQ	219.4220, 30.4460, -12.1300

Conversions

Conversions Part 2

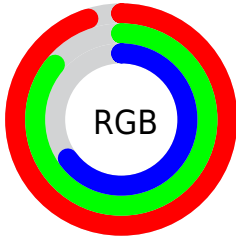
Format	Color
R _Y B	196, 241, 165
Decimal	15850405
CIE Lab	88.00, -0.24, 29.35
CIE LCh	88, 29.356, 90.475
Yxy	72.0653, 0.3670, 0.3867
Android (android.graphics.Color)	4294040485 (0xFFFF1DBA5)
YUV	219.4220, -26.8300, 18.9239
Hunter-Lab	84.8913, -4.7686, 27.3705

Details

The CIELCh color **88, 29.356, 90.475** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **76, 29.645, 279.334**, and the grayscale version is **88, 0.010, 296.813**.

A 20% lighter version of the original color is **99, 17.699, 108.839**, and **68, 29.141, 90.207** is the 20% darker color. If you saturate the color by 10%, you get **86, 38.861, 89.135**, and if you desaturate by 10%, it is **90, 19.907, 91.787**.

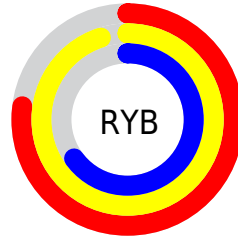
Distribution



Red (95%)

Green (86%)

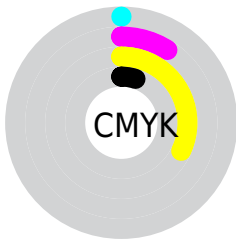
Blue (65%)



Red (77%)

Yellow (95%)

Blue (65%)

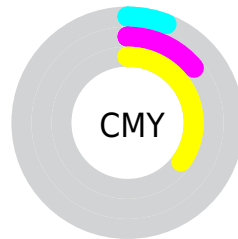


Cyan (0%)

Magenta (9%)

Yellow (32%)

Black (5%)



Cyan (6%)

Magenta (14%)

Yellow (35%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 88, 29.356, 90.475 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, 29.356, 90.475 by changing the saturation by 10% instead.

 88, 29.356, 90.475

 88, 29.356, 90.475

 100, 29.356,
90.475

 78, 29.356, 90.475

 68, 29.356, 90.475

 58, 29.356, 90.475

 48, 29.356, 90.475

 38, 29.356, 90.475

 28, 29.356, 90.475

 18, 29.356, 90.475

 8, 29.356, 90.475

 0, 29.356, 90.475

88, 29.356, 90.475

88, 29.356, 90.475

86, 38.861, 89.135

90, 19.907, 91.787

84, 48.291, 87.751

92, 10.575, 93.046

82, 57.410, 86.319

95, 1.388, 94.120

80, 65.796, 84.807

97, 4.596, 264.262

78, 72.770, 83.149

99, 4.464, 206.787

76, 77.452, 81.222

99, 4.830, 199.236

75, 79.444, 79.321

Harmonies

Complementary

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



88, 29.356, 90.475



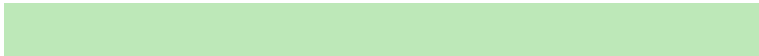
76, 29.645, 279.334

Rectangle

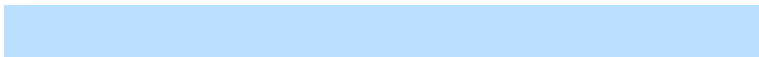
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



88, 29.356, 90.475



88, 29.356, 140.475



88, 29.356, 270.475



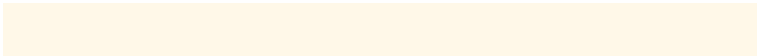
88, 29.356, 320.475

Sweetspot

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



88, 29.357, 90.480



98, 8.617, 93.351



76, 31.195, 359.528



52, 5.996, 93.174



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, 29.357, 90.480



91, 37.167, 89.600



92, 38.998, 115.819



49, 5.176, 93.298



58, 64.849, 79.786



17, 25.235, 82.624

Inverse Universe

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



76, 29.645, 279.334



76, 37.676, 280.682



72, 41.897, 300.666



47, 5.198, 275.722



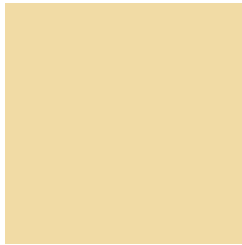
29, 81.642, 298.853



6, 29.795, 291.988

Previews

White Background



This preview shows how the CIELCh color 88, 29.356, 90.475 looks on a white background.

Color Contrast Check

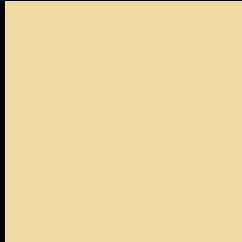
Large Text (above 18pt) WCAG AA × Fail

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 88, 29.356, 90.475 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

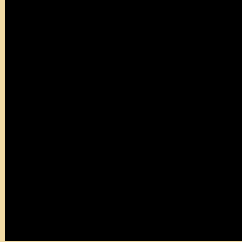
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 88, 29.356, 90.475

Background



This preview shows how black text looks on a background with the CIELCh color 88, 29.356, 90.475.



This preview shows how white text looks on a background with the CIELCh color 88, 29.356, 90.475.

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


88, 29.356, 90.475

Protanopia

88, 29.069, 96.000

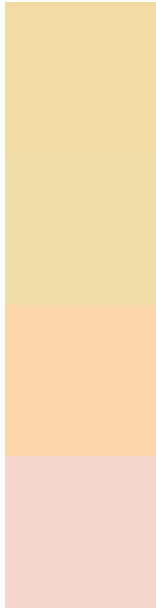
Deuteranopia

88, 26.039, 68.854



Tritanopia
88, 15.790, 348.806

Trichromacy



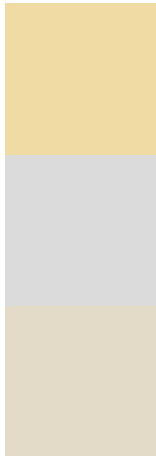
Original Color
88, 29.356, 90.475

Protanomaly
88, 28.875, 93.515

Deuteranomaly
88, 26.913, 77.176

Tritanomaly
88, 12.791, 44.012

Monochromacy



Original Color
88, 29.356, 90.475

Achromatopsia
87, 0.010, 296.813

Achromatomaly
88, 10.819, 93.224

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 88, 29.356, 90.475 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(241, 219, 165)` looks like.

```
.text, #text, p{  
    color:rgb(241, 219, 165)  
}
```

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(241, 219, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 219, 165) }
```

Border

The CSS property to change the border of an element to CIELCh 88, 29.356, 90.475 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(241, 219, 165) }
```

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

```
.border{ border-color:rgb(241, 219, 165) }
```

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

Here you see how a box with a 4 pixel `rgb(241, 219, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 219, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 219, 165);  
box-shadow:4px 4px 4px 4px rgb(241, 219,  
165) }
```

Background

The CSS property to change the background color of an element to CIELCh 88, 29.356, 90.475 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 219, 165) }
```

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

```
.background{ background-color: rgb(241,  
219, 165) }
```

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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