

Converting Colors

CIELCh(92, 51.886, 63.660)

Have a look what the booklet for
CIELCh(92, 51.886, 63.660) contains.

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Color

CIELCh(88, 40.217, 82.285)

Conversions

Conversions Part 1

Format	Color
Hex	FFD791
RGB	255, 215, 145
RGB Percent	100%, 84%, 57%
CMY	0.0000, 0.1571, 0.4318
CMYK	0.00, 0.16, 0.43, 0.00
HSL	38°, 100%, 78%
HSV	38°, 43%, 100%
XYZ	71.0007, 72.0653, 36.9143
YIQ	218.9800, 46.3100, -13.2900

Conversions

Conversions Part 2

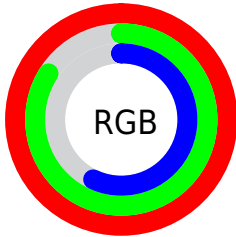
Format	Color
R _Y B	208, 255, 145
Decimal	16766865
CIE Lab	88.00, 5.40, 39.85
CIE LCh	88, 40.217, 82.285
Yxy	72.0653, 0.3945, 0.4004
Android (android.graphics.Color)	4294956945 (0xFFFFD791)
YUV	218.9800, -36.4721, 31.5895
Hunter-Lab	84.8913, 0.7327, 33.6421

Details

The CIELCh color **88, 40.217, 82.285** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **75, 39.036, 276.306**, and the grayscale version is **87, 0.010, 296.813**.

A 20% lighter version of the original color is **99, 27.734, 108.071**, and **68, 39.967, 82.806** is the 20% darker color. If you saturate the color by 10%, you get **85, 49.680, 81.371**, and if you desaturate by 10%, it is **91, 30.433, 84.229**.

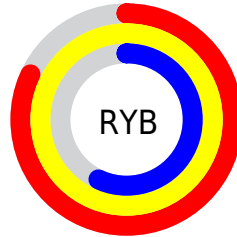
Distribution



Red (100%)

Green (84%)

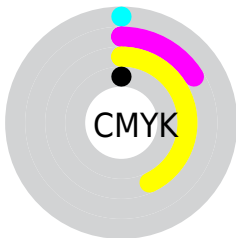
Blue (57%)



Red (82%)

Yellow (100%)

Blue (57%)

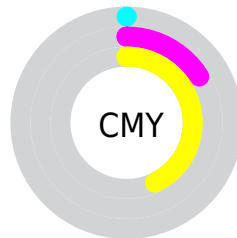


Cyan (0%)

Magenta (16%)

Yellow (43%)

Black (0%)



Cyan (0%)

Magenta (16%)

Yellow (43%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 88, 40.217, 82.285 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, 40.217, 82.285 by changing the saturation by 10% instead.

 88, 40.217, 82.285

 88, 40.217, 82.285

 100, 40.217,
82.285

 78, 40.217, 82.285

 68, 40.217, 82.285

 58, 40.217, 82.285

 48, 40.217, 82.285

 38, 40.217, 82.285

 28, 40.217, 82.285

 18, 40.217, 82.285

 8, 40.217, 82.285

 0, 40.217, 82.285

88, 40.217, 82.285

88, 40.217, 82.285

85, 49.680, 81.371

91, 30.433, 84.229

83, 59.150, 79.848

93, 21.002, 85.593

80, 67.996, 78.201

96, 11.786, 86.909

78, 75.467, 76.314

99, 2.798, 88.106

76, 80.546, 73.984

100, 0.012,
296.813

74, 82.546, 72.100

Harmonies

Complementary

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



88, 40.217, 82.285



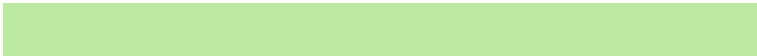
75, 39.036, 276.306

Rectangle

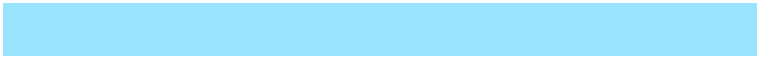
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



88, 40.217, 82.285



88, 40.217, 132.285



88, 40.217, 262.285



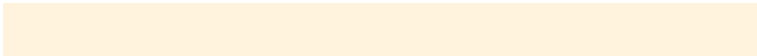
88, 40.217, 312.285

Sweetspot

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



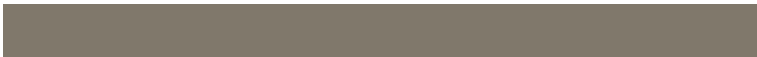
88, 40.030, 82.824



96, 11.625, 86.931



73, 46.178, 356.727



51, 8.159, 86.646



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, 40.030, 82.824



86, 48.548, 81.545



97, 54.835, 112.093



52, 5.060, 87.375



57, 66.464, 72.695



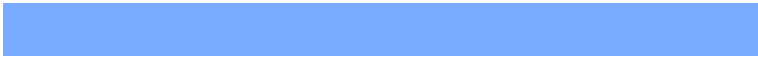
19, 27.725, 75.426

Inverse Universe

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



75, 39.036, 276.306



70, 47.290, 278.625



66, 61.256, 300.006



50, 5.041, 269.925



34, 75.155, 294.905



9, 30.147, 289.501

Previews

White Background



This preview shows how the CIELCh color 88, 40.217, 82.285 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, 40.217, 82.285 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, 40.217, 82.285

Background



This preview shows how black text looks on a background with the CIELCh color 88, 40.217, 82.285.

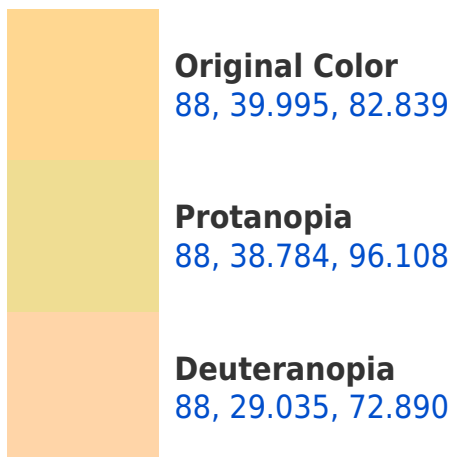



This preview shows how white text looks on a background with the CIELCh color 88, 40.217, 82.285.

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](#).

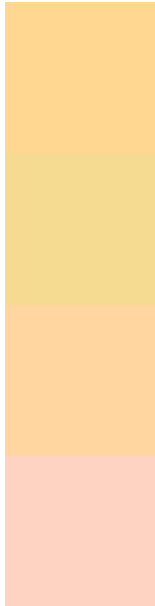
Dichromacy





Tritanopia
88, 18.508, 359.472

Trichromacy



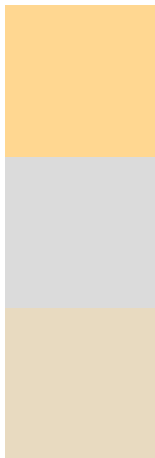
Original Color
88, 39.995, 82.839

Protanomaly
88, 39.166, 91.282

Deuteranomaly
88, 32.802, 77.499

Tritanomaly
88, 19.478, 48.951

Monochromacy



Original Color
88, 39.995, 82.839

Achromatopsia
87, 0.010, 296.813

Achromatomaly
88, 14.539, 87.557

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 88, 40.217, 82.285 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(255, 215, 145)` looks like.

```
.text, #text, p{  
    color:rgb(255, 215, 145)  
}
```

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(255, 215, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 215, 145) }
```

Border

The CSS property to change the border of an element to CIELCh 88, 40.217, 82.285 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(255, 215, 145) }
```

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

```
.border{ border-color:rgb(255, 215, 145) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 215, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 215, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 215, 145);  
box-shadow:4px 4px 4px 4px rgb(255, 215,  
145) }
```

Background

The CSS property to change the background color of an element to CIELCh 88, 40.217, 82.285 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 215, 145) }
```

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

```
.background{ background-color: rgb(255,  
215, 145) }
```

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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