

Converting Colors

CIELCh(88, 32.629, 89.963)

Have a look what the booklet for
CIELCh(88, 32.629, 89.963) contains.

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Color

CIELCh(88, 32.560, 90.353)

Conversions

Conversions Part 1

Format	Color
Hex	F3DB9F
RGB	243, 219, 159
RGB Percent	95%, 86%, 62%
CMY	0.0479, 0.1420, 0.3772
CMYK	0.00, 0.10, 0.35, 0.05
HSL	43°, 77%, 79%
HSV	43°, 35%, 95%
XYZ	68.4040, 72.0653, 43.0143
YIQ	219.3360, 33.5640, -13.5720

Conversions

Conversions Part 2

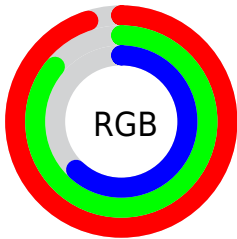
Format	Color
R_{YB}	193, 243, 159
Decimal	15981471
CIE _{Lab}	88.00, -0.20, 32.56
CIE _{LCh}	88, 32.560, 90.353
Yxy	72.0653, 0.3728, 0.3928
Android (android.graphics.Color)	4294171551 (0xFFFF3DB9F)
YUV	219.3360, -29.7456, 20.7533
Hunter-Lab	84.8913, -4.7274, 29.3817

Details

The CIELCh color **88, 32.560, 90.353** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **75, 32.983, 280.207**, and the grayscale version is **88, 0.010, 296.813**.

A 20% lighter version of the original color is **99, 20.719, 108.609**, and **68, 32.489, 89.929** is the 20% darker color. If you saturate the color by 10%, you get **86, 42.136, 89.005**, and if you desaturate by 10%, it is **90, 23.003, 91.674**.

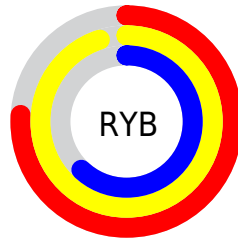
Distribution



Red (95%)

Green (86%)

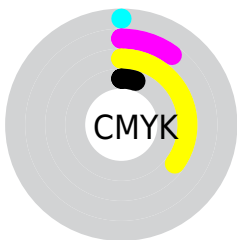
Blue (62%)



Red (76%)

Yellow (95%)

Blue (62%)

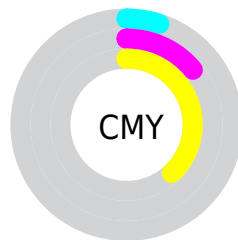


Cyan (0%)

Magenta (10%)

Yellow (35%)

Black (5%)



Cyan (5%)

Magenta (14%)

Yellow (38%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 88, 32.560, 90.353 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, 32.560, 90.353 by changing the saturation by 10% instead.

 88, 32.560, 90.353

 88, 32.560, 90.353

 100, 32.560,
90.353

 78, 32.560, 90.353

 68, 32.560, 90.353

 58, 32.560, 90.353

 48, 32.560, 90.353

 38, 32.560, 90.353

 28, 32.560, 90.353

 18, 32.560, 90.353

 8, 32.560, 90.353

 0, 32.560, 90.353

88, 32.560, 90.353

88, 32.560, 90.353

86, 42.136, 89.005

90, 23.003, 91.674

84, 51.571, 87.612

92, 13.543, 92.946

82, 60.575, 86.165

95, 4.220, 94.144

80, 68.649, 84.626

97, 4.505, 273.834

78, 75.027, 82.913

99, 3.757, 211.365

76, 78.834, 80.892

99, 4.216, 199.295

75, 79.949, 79.670

Harmonies

Complementary

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



88, 32.560, 90.353



75, 32.983, 280.207

Rectangle

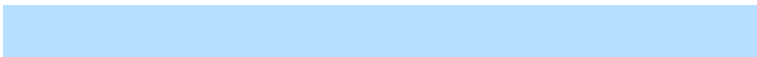
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



88, 32.560, 90.353



88, 32.560, 140.353



88, 32.560, 270.353



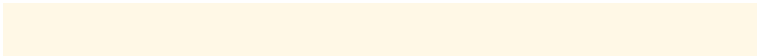
88, 32.560, 320.353

Sweetspot

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



88, 32.561, 90.358



98, 9.620, 93.508



74, 34.548, 359.988



52, 6.572, 93.337



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, 32.561, 90.358



90, 41.273, 89.344



93, 42.929, 115.611



50, 5.287, 93.573



59, 65.564, 80.113



18, 26.499, 82.883

Inverse Universe

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



75, 32.983, 280.207



73, 42.044, 281.832



70, 46.503, 300.992



48, 5.311, 275.997



30, 83.013, 299.064



6, 31.375, 293.051

Previews

White Background



This preview shows how the CIELCh color 88, 32.560, 90.353 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, 32.560, 90.353 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

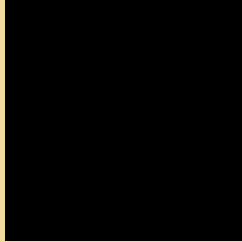
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 88, 32.560, 90.353

Background



This preview shows how black text looks on a background with the CIELCh color 88, 32.560, 90.353.

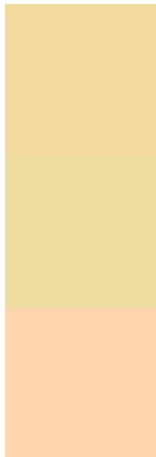


This preview shows how white text looks on a background with the CIELCh color 88, 32.560, 90.353.

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, 32.560, 90.353

Protanopia

88, 32.246, 95.372

Deuteranopia

88, 26.880, 70.107



Tritanopia
88, 16.746, 350.911

Trichromacy



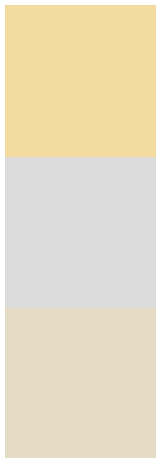
Original Color
88, 32.560, 90.353

Protanomaly
88, 32.067, 93.117

Deuteranomaly
88, 28.496, 77.873

Tritanomaly
88, 14.100, 44.033

Monochromacy



Original Color
88, 32.560, 90.353

Achromatopsia
87, 0.010, 296.813

Achromatomaly
88, 11.926, 92.729

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 88, 32.560, 90.353 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(243, 219, 159)` looks like.

```
.text, #text, p{  
    color:rgb(243, 219, 159)  
}
```

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(243, 219, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 219, 159) }
```

Border

The CSS property to change the border of an element to CIELCh 88, 32.560, 90.353 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(243, 219, 159) }
```

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

```
.border{ border-color:rgb(243, 219, 159) }
```

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

Here you see how a box with a 4 pixel rgb(243, 219, 159) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 219, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 219, 159);  
box-shadow:4px 4px 4px 4px rgb(243, 219,  
159) }
```

Background

The CSS property to change the background color of an element to CIELCh 88, 32.560, 90.353 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 219, 159) }
```

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

```
.background{ background-color: rgb(243,  
219, 159) }
```

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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