

Converting Colors

CIELCh(90, 33.988, 93.177)

Have a look what the booklet for
CIELCh(90, 33.988, 93.177) contains.

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Color

CIELCh(90, 34.016, 93.160)

Conversions

Conversions Part 1

Format	Color
Hex	F6E1A1
RGB	246, 225, 161
RGB Percent	96%, 88%, 63%
CMY	0.0338, 0.1161, 0.3672
CMYK	0.00, 0.09, 0.35, 0.03
HSL	45°, 83%, 80%
HSV	45°, 35%, 97%
XYZ	71.6348, 76.3034, 44.8363
YIQ	223.9830, 33.0600, -15.4520

Conversions

Conversions Part 2

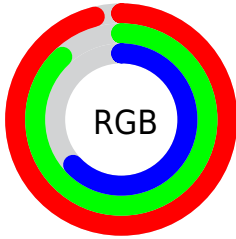
Format	Color
R_{YB}	189, 246, 161
Decimal	16179617
CIE Lab	90.00, -1.88, 33.96
CIE LCh	90, 34.016, 93.160
Yxy	76.3034, 0.3716, 0.3958
Android (android.graphics.Color)	4294369697 (0xFFFF6E1A1)
YUV	223.9830, -31.0506, 19.3089
Hunter-Lab	87.3518, -6.4827, 30.7137

Details

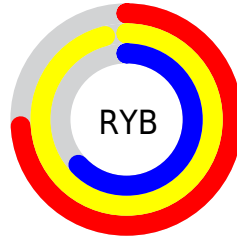
The CIELCh color **90, 34.016, 93.160** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **75, 34.950, 282.729**, and the grayscale version is **89, 0.011, 296.813**.

A 20% lighter version of the original color is **99, 19.713, 108.686**, and **70, 33.954, 92.907** is the 20% darker color. If you saturate the color by 10%, you get **88, 43.921, 91.857**, and if you desaturate by 10%, it is **92, 24.068, 94.441**.

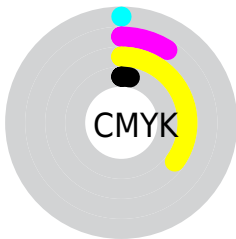
Distribution



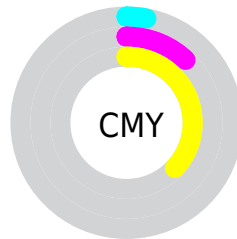
- Red (96%)
- Green (88%)
- Blue (63%)



- Red (74%)
- Yellow (96%)
- Blue (63%)



- Cyan (0%)
- Magenta (9%)
- Yellow (35%)
- Black (3%)



- Cyan (3%)
- Magenta (12%)
- Yellow (37%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 90, 34.016, 93.160 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 90, 34.016, 93.160 by changing the saturation by 10% instead.

 90, 34.016, 93.160

 90, 34.016, 93.160

 100, 34.016,
93.160

 80, 34.016, 93.160

 70, 34.016, 93.160

 60, 34.016, 93.160

 50, 34.016, 93.160

 40, 34.016, 93.160

 30, 34.016, 93.160

 20, 34.016, 93.160

 10, 34.016, 93.160

 0, 34.016, 93.160

90, 34.016, 93.160

90, 34.016, 93.160

88, 43.921, 91.857

92, 24.068, 94.441

86, 53.603, 90.519

94, 14.169, 95.679

85, 62.746, 89.143

96, 4.370, 96.849

83, 70.827, 87.704

98, 2.916, 267.037

81, 77.077, 86.143

99, 2.980, 199.439

80, 80.668, 84.358

79, 81.643, 83.277

Harmonies

Complementary

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



90, 34.016, 93.160



75, 34.950, 282.729

Rectangle

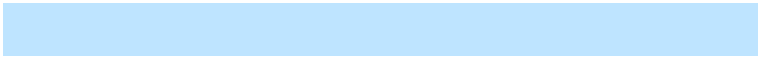
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



90, 34.016, 93.160



90, 34.016, 143.160



90, 34.016, 273.160



90, 34.016, 323.160

Sweetspot

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



90, 34.017, 93.165



98, 10.010, 96.218



75, 34.359, 3.603



52, 6.836, 96.051



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

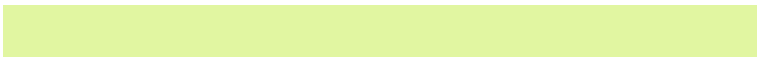
The Same Dimension uses a secret algorithm to generate beautiful new colors.



90, 34.017, 93.165



92, 41.601, 92.310



94, 43.652, 117.723



50, 5.501, 96.281



61, 66.238, 83.670



19, 27.194, 86.274

Inverse Universe

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



75, 34.950, 282.729



73, 43.088, 284.100



71, 47.096, 302.609



48, 5.545, 278.634



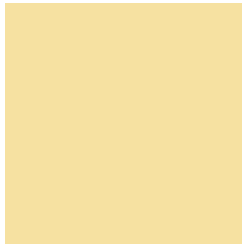
28, 87.442, 300.741



6, 32.794, 294.525

Previews

White Background



This preview shows how the CIELCh color 90, 34.016, 93.160 looks on a white background.

Color Contrast Check

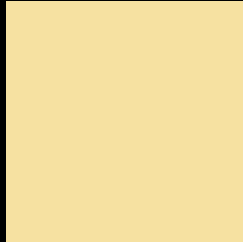
Large Text (above 18pt) WCAG AA × Fail

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 90, 34.016, 93.160 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 90, 34.016, 93.160

Background



This preview shows how black text looks on a background with the CIELCh color 90, 34.016, 93.160.

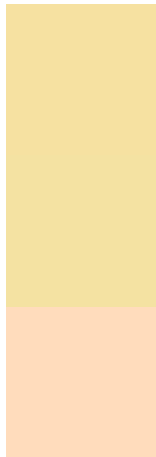


This preview shows how white text looks on a background with the CIELCh color 90, 34.016, 93.160.

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

90, 34.016, 93.160

Protanopia

90, 33.695, 95.159

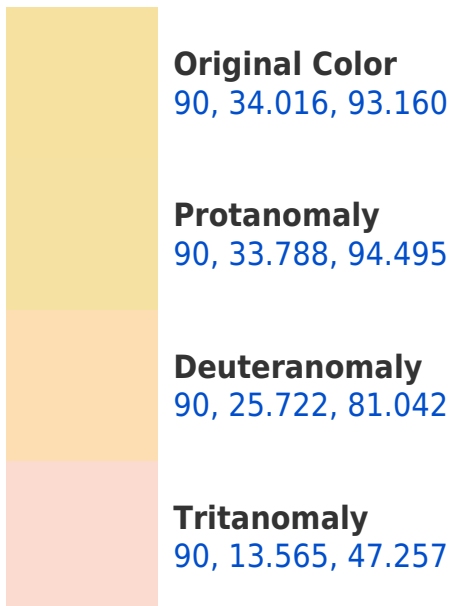
Deuteranopia

90, 21.541, 69.752



Tritanopia
90, 16.293, 347.923

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 90, 34.016, 93.160 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(246, 225, 161)` looks like.

```
.text, #text, p{  
    color:rgb(246, 225, 161)  
}
```

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(246, 225, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 225, 161) }
```

Border

The CSS property to change the border of an element to CIELCh 90, 34.016, 93.160 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(246, 225, 161) }
```

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

```
.border{ border-color:rgb(246, 225, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(246, 225, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(246, 225, 161); -webkit-box-shadow:4px 4px 4px 4px rgb(246, 225, 161); box-shadow:4px 4px 4px 4px rgb(246, 225, 161) }
```

Background

The CSS property to change the background color of an element to CIELCh 90, 34.016, 93.160 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 225, 161) }
```

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

```
.background{ background-color: rgb(246,  
225, 161) }
```

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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