

Converting Colors

CIELCh(96, 15.093, 88.599)

Have a look what the booklet for
CIELCh(96, 15.093, 88.599) contains.

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Color

CIELCh(96, 15.080, 90.364)

Conversions

Conversions Part 1

Format	Color
Hex	FFF2D6
RGB	255, 242, 214
RGB Percent	100%, 95%, 84%
CMY	0.0000, 0.0491, 0.1590
CMYK	0.00, 0.05, 0.16, 0.00
HSL	41°, 100%, 92%
HSV	41°, 16%, 100%
XYZ	85.4988, 90.0078, 76.7899
YIQ	242.6950, 16.7360, -5.9520

Conversions

Conversions Part 2

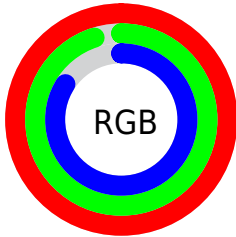
Format	Color
RYB	233, 255, 214
Decimal	16773846
CIELab	96.00, -0.10, 15.08
CIELCh	96, 15.080, 90.364
Yxy	90.0078, 0.3389, 0.3568
Android (android.graphics.Color)	4294963926 (0xFFFFF2D6)
YUV	242.6950, -14.1466, 10.7915
Hunter-Lab	94.8724, -5.1630, 18.4213

Details

The CIELCh color **96, 15.080, 90.364** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **90, 15.047, 275.215**, and the grayscale version is **96, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **76, 15.228, 90.665** is the 20% darker color. If you saturate the color by 10%, you get **93, 24.699, 89.709**, and if you desaturate by 10%, it is **98, 5.517, 92.244**.

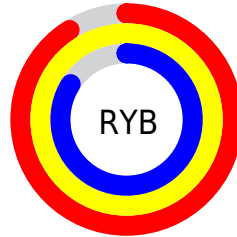
Distribution



Red (100%)

Green (95%)

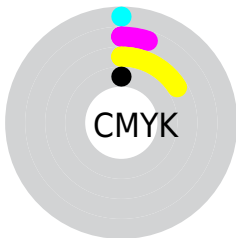
Blue (84%)



Red (91%)

Yellow (100%)

Blue (84%)

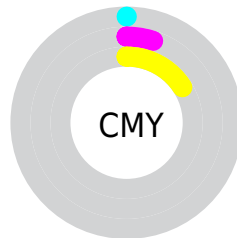


Cyan (0%)

Magenta (5%)

Yellow (16%)

Black (0%)



Cyan (0%)

Magenta (5%)

Yellow (16%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 96, 15.080, 90.364 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 96, 15.080, 90.364 by changing the saturation by 10% instead.

 96, 15.080, 90.364

 96, 15.080, 90.364

 100, 15.080,
90.364

 86, 15.080, 90.364

 76, 15.080, 90.364

 66, 15.080, 90.364

 56, 15.080, 90.364

 46, 15.080, 90.364

 36, 15.080, 90.364

 26, 15.080, 90.364

 16, 15.080, 90.364

 6, 15.080, 90.364

96, 15.080, 90.364

96, 15.080, 90.364

93, 24.699, 89.709

98, 5.517, 92.244

91, 34.500, 88.364

100, 0.012,
296.813

89, 44.343, 86.978

87, 54.061, 85.547

84, 63.338, 84.049

82, 71.623, 82.432

80, 78.076, 80.593

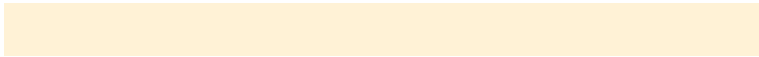
78, 81.769, 78.363

78, 82.664, 77.355

Harmonies

Complementary

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



96, 15.080, 90.364



90, 15.047, 275.215

Rectangle

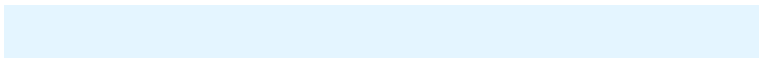
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



96, 15.080, 90.364



96, 15.080, 140.364



96, 15.080, 270.364



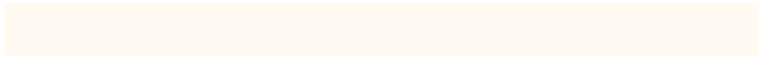
96, 15.080, 320.364

Sweetspot

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



96, 15.026, 91.010



99, 4.670, 92.347



89, 16.177, 356.372



53, 3.189, 92.267



0, 0.000, 0.000



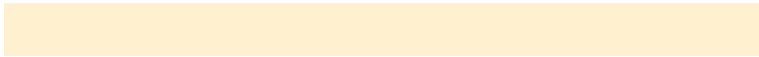
53, 0.007, 296.813

Same Dimension

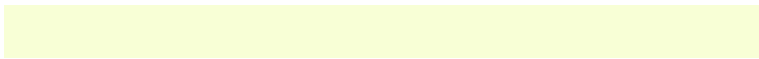
The Same Dimension uses a secret algorithm to generate beautiful new colors.



96, 15.026, 91.010



95, 18.009, 90.612



99, 20.703, 116.225



52, 5.339, 91.812



60, 66.625, 77.861



20, 28.440, 80.595

Inverse Universe

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



90, 15.047, 275.215



88, 18.032, 275.704



88, 21.431, 298.592



50, 5.351, 274.285



32, 82.004, 297.982



8, 32.914, 293.046

Previews

White Background



This preview shows how the CIE LCh color 96, 15.080, 90.364 looks on a white background.

Color Contrast Check

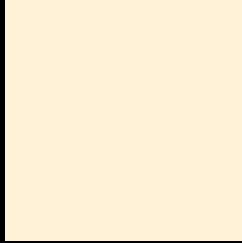
Large Text (above 18pt) WCAG AA × Fail

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 96, 15.080, 90.364 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

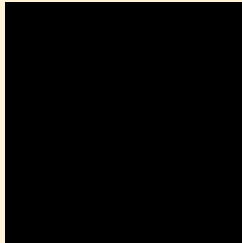
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 96, 15.080, 90.364

Background



This preview shows how black text looks on a background with the CIELCh color 96, 15.080, 90.364.



This preview shows how white text looks on a background with the CIELCh color 96, 15.080, 90.364.

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


96, 15.080, 90.364

Protanopia

96, 14.846, 93.107

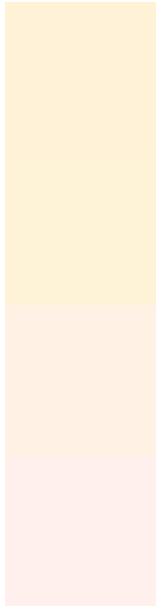
Deuteranopia

96, 5.882, 50.939



Tritanopia
96, 8.376, 332.702

Trichromacy



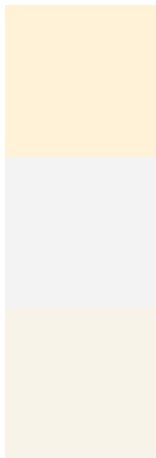
Original Color
96, 15.080, 90.364

Protanomaly
96, 14.846, 93.107

Deuteranomaly
96, 8.555, 76.027

Tritanomaly
96, 5.464, 30.405

Monochromacy



Original Color
96, 15.080, 90.364

Achromatopsia
96, 0.011, 296.813

Achromatomaly
96, 5.290, 94.016

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 96, 15.080, 90.364 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, 242, 214)` looks like.

```
.text, #text, p{  
    color:rgb(255, 242, 214)  
}
```

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, 242, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 242, 214) }
```

Border

The CSS property to change the border of an element to CIELCh 96, 15.080, 90.364 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, 242, 214) }
```

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

```
.border{ border-color:rgb(255, 242, 214) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 242, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 242, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 242, 214);  
box-shadow:4px 4px 4px 4px rgb(255, 242,  
214) }
```

Background

The CSS property to change the background color of an element to CIELCh 96, 15.080, 90.364 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 242, 214) }
```

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

```
.background{ background-color: rgb(255,  
242, 214) }
```

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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