

Converting Colors

CIELCh(100, 32.443, 58.459)

Have a look what the booklet for
CIELCh(100, 32.443, 58.459)
contains.

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Color

CIELCh(96, 20.982, 95.024)

Conversions

Conversions Part 1

Format	Color
Hex	FFF3CB
RGB	255, 243, 203
RGB Percent	100%, 95%, 80%
CMY	0.0000, 0.0464, 0.2034
CMYK	0.00, 0.05, 0.20, 0.00
HSL	46°, 100%, 90%
HSV	46°, 20%, 100%
XYZ	84.5766, 90.0078, 69.5000
YIQ	242.0280, 19.9920, -9.8960

Conversions

Conversions Part 2

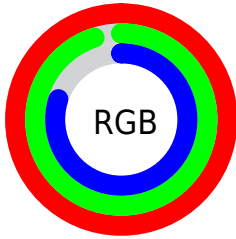
Format	Color
R_{YB}	219, 255, 203
Decimal	16774091
CIE Lab	96.00, -1.84, 20.90
CIE LCh	96, 20.982, 95.024
Yxy	90.0078, 0.3465, 0.3688
Android (android.graphics.Color)	4294964171 (0xFFFFF3CB)
YUV	242.0280, -19.2408, 11.3764
Hunter-Lab	94.8724, -6.8982, 22.9770

Details

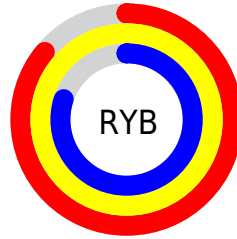
The CIELCh color **96, 20.982, 95.024** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **86, 21.258, 281.420**, and the grayscale version is **96, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **76, 20.796, 95.971** is the 20% darker color. If you saturate the color by 10%, you get **94, 31.260, 94.997**, and if you desaturate by 10%, it is **98, 10.558, 97.441**.

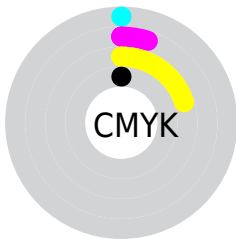
Distribution



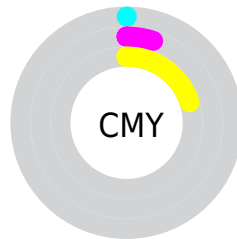
- Red (100%)
- Green (95%)
- Blue (80%)



- Red (86%)
- Yellow (100%)
- Blue (80%)



- Cyan (0%)
- Magenta (5%)
- Yellow (20%)
- Black (0%)



- Cyan (0%)
- Magenta (5%)
- Yellow (20%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 96, 20.982, 95.024 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, 20.982, 95.024 by changing the saturation by 10% instead.

 96, 20.982, 95.024

 96, 20.982, 95.024

 100, 20.982,
95.024

 86, 20.982, 95.024

 76, 20.982, 95.024

 66, 20.982, 95.024

 56, 20.982, 95.024

 46, 20.982, 95.024

 36, 20.982, 95.024

 26, 20.982, 95.024

 16, 20.982, 95.024

 6, 20.982, 95.024

96, 20.982, 95.024

96, 20.982, 95.024

94, 31.260, 94.997

98, 10.558, 97.441

92, 41.611, 93.723

100, 0.333, 98.007

90, 51.785, 92.425

100, 0.012,
296.813

89, 61.512, 91.101

87, 70.337, 89.738

85, 77.566, 88.304

84, 82.338, 86.726

82, 84.333, 84.999

Harmonies

Complementary

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



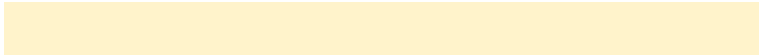
96, 20.982, 95.024



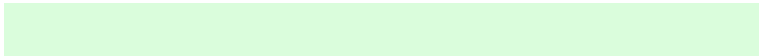
86, 21.258, 281.420

Rectangle

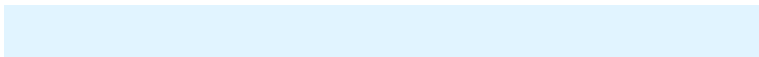
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



96, 20.982, 95.024



96, 20.982, 145.024



96, 20.982, 275.024



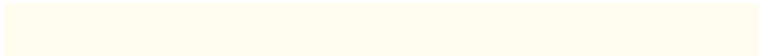
96, 20.982, 325.024

Sweetspot

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



96, 20.881, 96.239



99, 6.109, 97.940



86, 20.176, 2.844



53, 4.054, 97.867



0, 0.000, 0.000



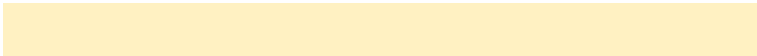
53, 0.007, 296.813

Same Dimension

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



96, 20.881, 96.239



95, 24.678, 95.788



98, 26.729, 119.291



52, 5.803, 97.539



63, 68.025, 85.356



21, 29.882, 87.650

Inverse Universe

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



86, 21.258, 281.420



84, 25.212, 282.011



84, 27.858, 301.942



50, 5.859, 279.865



28, 91.508, 301.532



6, 36.571, 296.709

Previews

White Background



This preview shows how the CIE LCh color 96, 20.982, 95.024 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, 20.982, 95.024 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

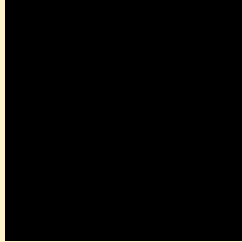
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 96, 20.982, 95.024

Background



This preview shows how black text looks on a background with the CIELCh color 96, 20.982, 95.024.



This preview shows how white text looks on a background with the CIELCh color 96, 20.982, 95.024.

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, 20.879, 96.049

Protanopia

96, 17.904, 94.288

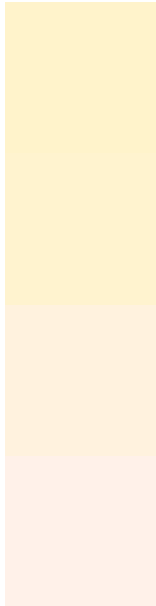
Deuteranopia

96, 6.483, 58.581



Tritanopia
96, 8.008, 335.179

Trichromacy



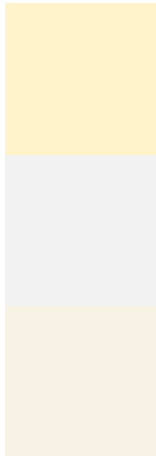
Original Color
96, 20.879, 96.049

Protanomaly
96, 18.894, 94.945

Deuteranomaly
96, 11.260, 84.278

Tritanomaly
96, 6.483, 58.581

Monochromacy



Original Color
96, 20.879, 96.049

Achromatopsia
95, 0.011, 296.813

Achromatomaly
96, 7.365, 95.389

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 96, 20.982, 95.024 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, 243, 203)` looks like.

```
.text, #text, p{  
    color:rgb(255, 243, 203)  
}
```

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, 243, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 243, 203) }
```

Border

The CSS property to change the border of an element to CIELCh 96, 20.982, 95.024 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, 243, 203) }
```

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

```
.border{ border-color:rgb(255, 243, 203) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 243, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 243, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 243, 203);  
box-shadow:4px 4px 4px 4px rgb(255, 243,  
203) }
```

Background

The CSS property to change the background color of an element to CIELCh 96, 20.982, 95.024 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 243, 203) }
```

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

```
.background{ background-color: rgb(255,  
243, 203) }
```

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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