

Converting Colors

CIELCh(100, 40.528, 61.727)

Have a look what the booklet for
CIELCh(100, 40.528, 61.727)
contains.

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Color

CIELCh(95, 28.138, 96.105)

Conversions

Conversions Part 1

Format	Color
Hex	FFF1BB
RGB	255, 241, 187
RGB Percent	100%, 95%, 73%
CMY	0.0000, 0.0565, 0.2683
CMYK	0.00, 0.06, 0.27, 0.00
HSL	47°, 100%, 87%
HSV	47°, 27%, 100%
XYZ	81.7257, 87.6183, 59.3791
YIQ	239.0300, 25.6780, -13.8260

Conversions

Conversions Part 2

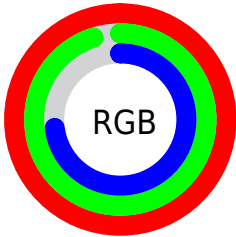
Format	Color
R_{YB}	205, 255, 187
Decimal	16773563
CIE _{Lab}	95.00, -2.99, 27.98
CIE _{LCh}	95, 28.138, 96.105
Yxy	87.6183, 0.3573, 0.3831
Android (android.graphics.Color)	4294963643 (0xFFFFF1BB)
YUV	239.0300, -25.6508, 14.0057
Hunter-Lab	93.6047, -7.9608, 27.9121

Details

The CIELCh color **95, 28.138, 96.105** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **82, 28.904, 283.545**, and the grayscale version is **94, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 6.073, 109.711**, and **75, 28.285, 96.572** is the 20% darker color. If you saturate the color by 10%, you get **93, 38.601, 95.344**, and if you desaturate by 10%, it is **97, 17.563, 97.796**.

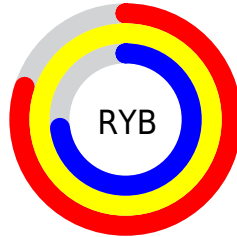
Distribution



Red (100%)

Green (95%)

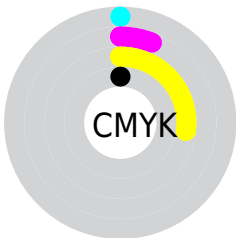
Blue (73%)



Red (80%)

Yellow (100%)

Blue (73%)

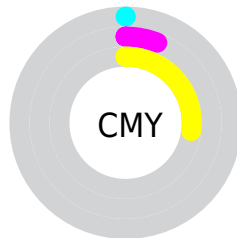


Cyan (0%)

Magenta (6%)

Yellow (27%)

Black (0%)



Cyan (0%)

Magenta (6%)

Yellow (27%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 95, 28.138, 96.105 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 95, 28.138, 96.105 by changing the saturation by 10% instead.

 95, 28.138, 96.105

 95, 28.138, 96.105

 100, 28.138,
96.105

 85, 28.138, 96.105

 75, 28.138, 96.105

 65, 28.138, 96.105

 55, 28.138, 96.105

 45, 28.138, 96.105

 35, 28.138, 96.105

 25, 28.138, 96.105

 15, 28.138, 96.105

 5, 28.138, 96.105

95, 28.138, 96.105

95, 28.138, 96.105

93, 38.601, 95.344

97, 17.563, 97.796

91, 48.967, 94.081

99, 7.092, 98.960

90, 58.959, 92.799

100, 0.012,
296.813

88, 68.186, 91.496

87, 76.035, 90.152

85, 81.689, 88.723

84, 84.439, 87.128

84, 84.920, 86.597

Harmonies

Complementary

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



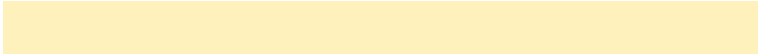
95, 28.138, 96.105



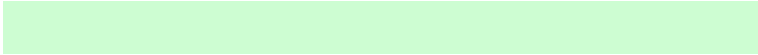
82, 28.904, 283.545

Rectangle

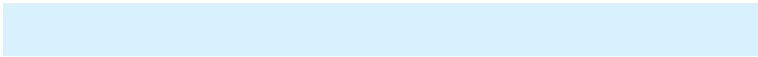
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



95, 28.138, 96.105



95, 28.138, 146.105



95, 28.138, 276.105



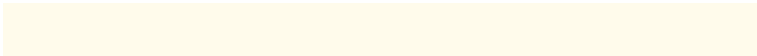
95, 28.138, 326.105

Sweetspot

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



95, 28.090, 96.585



98, 8.310, 98.829



82, 26.864, 4.935



52, 5.911, 98.657



0, 0.000, 0.000



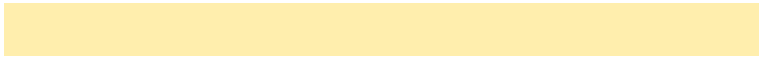
53, 0.007, 296.813

Same Dimension

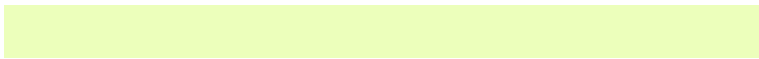
The Same Dimension uses a secret algorithm to generate beautiful new colors.



95, 28.090, 96.585



94, 33.529, 95.947



97, 35.262, 119.559



52, 5.911, 98.657



64, 68.502, 86.920



22, 30.246, 89.070

Inverse Universe

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



82, 28.904, 283.545



78, 34.741, 284.471



79, 37.251, 303.044



49, 5.975, 280.949



28, 93.390, 302.156



6, 37.261, 297.293

Previews

White Background



This preview shows how the CIE LCh color 95, 28.138, 96.105 looks on a white background.

Color Contrast Check

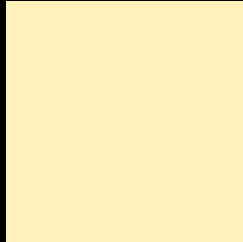
Large Text (above 18pt) WCAG AA × Fail

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 95, 28.138, 96.105 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

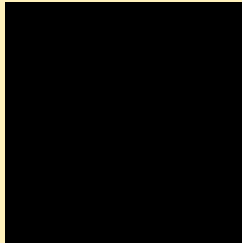
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 95, 28.138, 96.105

Background



This preview shows how black text looks on a background with the CIELCh color 95, 28.138, 96.105.

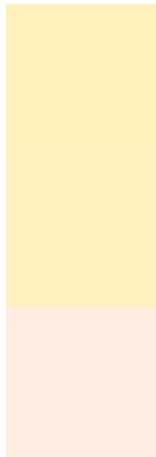


This preview shows how white text looks on a background with the CIELCh color 95, 28.138, 96.105.

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

95, 28.036, 96.894

Protanopia

95, 25.164, 95.023

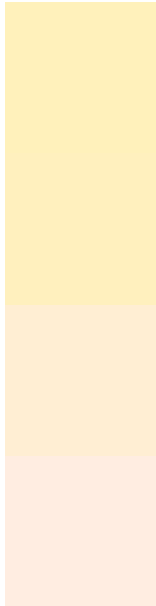
Deuteranopia

95, 8.996, 62.632



Tritanopia
95, 9.417, 339.180

Trichromacy



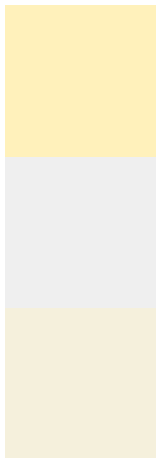
Original Color
95, 28.036, 96.894

Protanomaly
95, 26.155, 95.418

Deuteranomaly
95, 15.212, 84.398

Tritanomaly
95, 8.996, 62.632

Monochromacy



Original Color
95, 28.036, 96.894

Achromatopsia
94, 0.011, 296.813

Achromatomaly
95, 10.386, 99.220

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 95, 28.138, 96.105 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, 241, 187)` looks like.

```
.text, #text, p{  
    color:rgb(255, 241, 187)  
}
```

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, 241, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 241, 187) }
```

Border

The CSS property to change the border of an element to CIELCh 95, 28.138, 96.105 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, 241, 187) }
```

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

```
.border{ border-color:rgb(255, 241, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 241, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 241, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 241, 187);  
box-shadow:4px 4px 4px 4px rgb(255, 241,  
187) }
```

Background

The CSS property to change the background color of an element to CIELCh 95, 28.138, 96.105 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 241, 187) }
```

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

```
.background{ background-color: rgb(255,  
241, 187) }
```

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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