

Converting Colors

CIELCh(95, 20.613, 95.431)

Have a look what the booklet for
CIELCh(95, 20.613, 95.431) contains.

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Color

CIELCh(95, 20.519, 94.731)

Conversions

Conversions Part 1

Format	Color
Hex	FDF0C9
RGB	253, 240, 201
RGB Percent	99%, 94%, 79%
CMY	0.0069, 0.0579, 0.2108
CMYK	0.00, 0.05, 0.21, 0.01
HSL	45°, 94%, 89%
HSV	45°, 21%, 99%
XYZ	82.3980, 87.6183, 67.9715
YIQ	239.4410, 20.2670, -9.3730

Conversions

Conversions Part 2

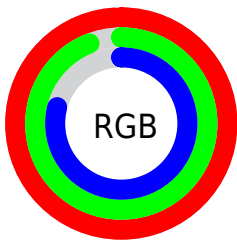
Format	Color
R _Y B	218, 253, 201
Decimal	16642249
CIE Lab	95.00, -1.69, 20.45
CIE LCh	95, 20.519, 94.731
Yxy	87.6183, 0.3462, 0.3682
Android (android.graphics.Color)	4294832329 (0xFFFD0C9)
YUV	239.4410, -18.9514, 11.8912
Hunter-Lab	93.6047, -6.6788, 22.4696

Details

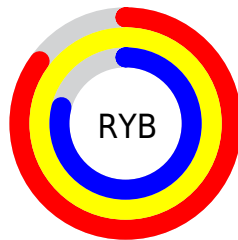
The CIELCh color **95, 20.519, 94.731** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **86, 20.808, 280.061**, and the grayscale version is **95, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **75, 20.430, 94.571** is the 20% darker color. If you saturate the color by 10%, you get **93, 30.658, 93.471**, and if you desaturate by 10%, it is **97, 10.462, 95.961**.

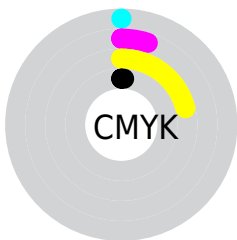
Distribution



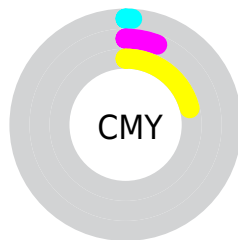
- Red (99%)
- Green (94%)
- Blue (79%)



- Red (85%)
- Yellow (99%)
- Blue (79%)



- Cyan (0%)
- Magenta (5%)
- Yellow (21%)
- Black (1%)



- Cyan (1%)
- Magenta (6%)
- Yellow (21%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 95, 20.519, 94.731 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, 20.519, 94.731 by changing the saturation by 10% instead.

 95, 20.519, 94.731

 95, 20.519, 94.731

 100, 20.519,
94.731

 85, 20.519, 94.731

 75, 20.519, 94.731

 65, 20.519, 94.731

 55, 20.519, 94.731

 45, 20.519, 94.731

 35, 20.519, 94.731

 25, 20.519, 94.731

 15, 20.519, 94.731

 5, 20.519, 94.731

95, 20.519, 94.731

95, 20.519, 94.731

93, 30.658, 93.471

97, 10.462, 95.961

91, 40.800, 92.170

99, 0.520, 96.746

89, 50.804, 90.838

100, 0.610,
200.453

87, 60.411, 89.471

85, 69.177, 88.052

84, 76.407, 86.535

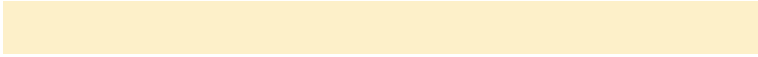
82, 81.225, 84.833

81, 83.275, 82.978

Harmonies

Complementary

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



95, 20.519, 94.731



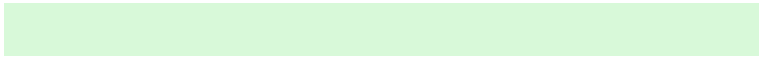
86, 20.808, 280.061

Rectangle

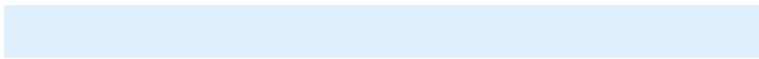
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



95, 20.519, 94.731



95, 20.519, 144.731



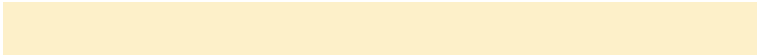
95, 20.519, 274.731



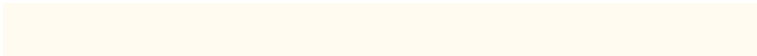
95, 20.519, 324.731

Sweetspot

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



95, 20.521, 94.738



99, 5.968, 96.491



86, 20.385, 1.646



53, 3.961, 96.417



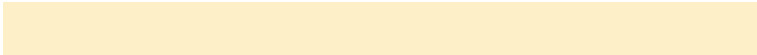
0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

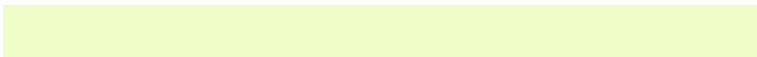
The Same Dimension uses a secret algorithm to generate beautiful new colors.



95, 20.521, 94.738



95, 25.179, 94.176



97, 26.773, 118.610



52, 5.672, 96.084



62, 67.513, 83.367



21, 29.451, 85.821

Inverse Universe

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



86, 20.808, 280.061



83, 25.618, 280.801



84, 27.937, 301.369



50, 5.716, 278.451



29, 89.055, 300.682



7, 35.657, 295.889

Previews

White Background



This preview shows how the CIE LCh color 95, 20.519, 94.731 looks on a white background.

Color Contrast Check

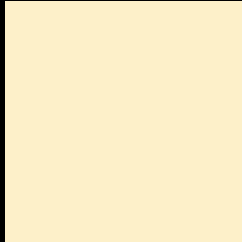
Large Text (above 18pt) WCAG AA × Fail

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, 20.519, 94.731 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

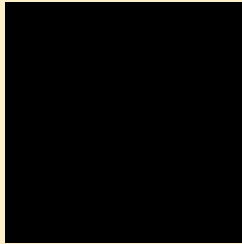
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 95, 20.519, 94.731

Background



This preview shows how black text looks on a background with the CIELCh color 95, 20.519, 94.731.



This preview shows how white text looks on a background with the CIELCh color 95, 20.519, 94.731.

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, 20.519, 94.731

Protanopia

95, 20.615, 93.702

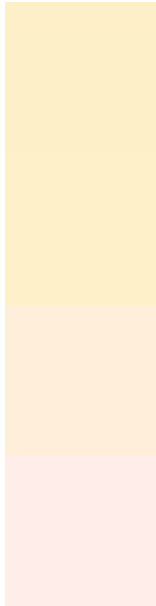
Deuteranopia

95, 7.999, 54.786



Tritanopia
95, 10.113, 334.785

Trichromacy



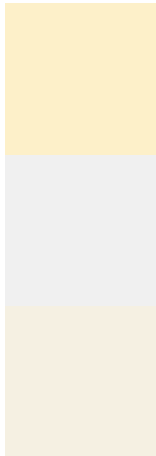
Original Color
95, 20.519, 94.731

Protanomaly
95, 20.615, 93.702

Deuteranomaly
95, 11.817, 79.340

Tritanomaly
95, 6.645, 42.310

Monochromacy



Original Color
95, 20.519, 94.731

Achromatopsia
95, 0.011, 296.813

Achromatomaly
95, 7.377, 95.382

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 95, 20.519, 94.731 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(253, 240, 201)` looks like.

```
.text, #text, p{  
    color:rgb(253, 240, 201)  
}
```

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(253, 240, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 240, 201) }
```

Border

The CSS property to change the border of an element to CIELCh 95, 20.519, 94.731 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(253, 240, 201) }
```

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

```
.border{ border-color:rgb(253, 240, 201) }
```

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

Here you see how a box with a 4 pixel rgb(253, 240, 201) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 240, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 240, 201);  
box-shadow:4px 4px 4px 4px rgb(253, 240,  
201) }
```

Background

The CSS property to change the background color of an element to CIELCh 95, 20.519, 94.731 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 240, 201) }
```

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

```
.background{ background-color: rgb(253,  
240, 201) }
```

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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