

Converting Colors

CIELCh(97, 27.324, 71.650)

Have a look what the booklet for
CIELCh(97, 27.324, 71.650) contains.

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Color

CIELCh(95, 22.318, 92.621)

Conversions

Conversions Part 1

Format	Color
Hex	FFF0C6
RGB	255, 240, 198
RGB Percent	100%, 94%, 78%
CMY	0.0000, 0.0599, 0.2247
CMYK	0.00, 0.06, 0.22, 0.00
HSL	44°, 100%, 89%
HSV	44°, 22%, 100%
XYZ	82.7468, 87.6183, 65.7935
YIQ	239.6970, 22.4220, -9.8820

Conversions

Conversions Part 2

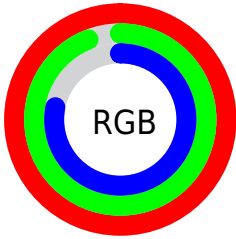
Format	Color
R _Y B	218, 255, 198
Decimal	16773318
CIE Lab	95.00, -1.02, 22.29
CIE LCh	95, 22.318, 92.621
Yxy	87.6183, 0.3504, 0.3710
Android (android.graphics.Color)	4294963398 (0xFFFFF0C6)
YUV	239.6970, -20.5566, 13.4207
Hunter-Lab	93.6047, -6.0136, 23.8491

Details

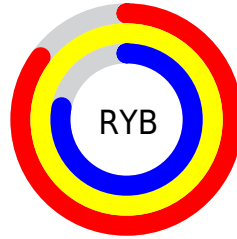
The CIELCh color **95, 22.318, 92.621** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **85, 22.503, 279.279**, and the grayscale version is **95, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **75, 22.192, 93.284** is the 20% darker color. If you saturate the color by 10%, you get **93, 32.316, 92.035**, and if you desaturate by 10%, it is **97, 12.259, 94.576**.

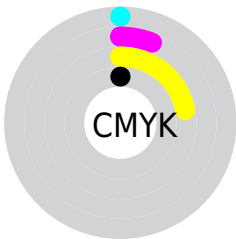
Distribution



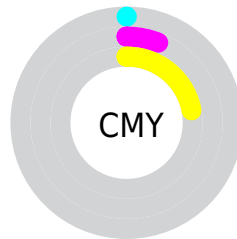
- Red (100%)
- Green (94%)
- Blue (78%)



- Red (85%)
- Yellow (100%)
- Blue (78%)



- Cyan (0%)
- Magenta (6%)
- Yellow (22%)
- Black (0%)



- Cyan (0%)
- Magenta (6%)
- Yellow (22%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 95, 22.318, 92.621 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, 22.318, 92.621 by changing the saturation by 10% instead.

 95, 22.318, 92.621

 95, 22.318, 92.621

 100, 22.318,
92.621

 85, 22.318, 92.621

 75, 22.318, 92.621

 65, 22.318, 92.621

 55, 22.318, 92.621

 45, 22.318, 92.621

 35, 22.318, 92.621

 25, 22.318, 92.621

 15, 22.318, 92.621

 5, 22.318, 92.621

95, 22.318, 92.621

95, 22.318, 92.621

93, 32.316, 92.035

97, 12.259, 94.576

91, 42.398, 90.707

99, 2.403, 95.712

89, 52.336, 89.344

100, 0.012,
296.813

87, 61.849, 87.938

85, 70.452, 86.462

83, 77.396, 84.853

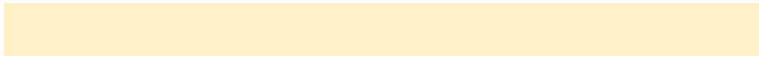
81, 81.780, 83.003

80, 83.321, 81.408

Harmonies

Complementary

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



95, 22.318, 92.621



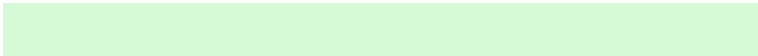
85, 22.503, 279.279

Rectangle

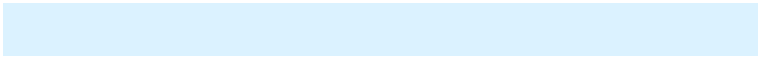
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



95, 22.318, 92.621



95, 22.318, 142.621



95, 22.318, 272.621



95, 22.318, 322.621

Sweetspot

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



95, 22.242, 93.327



98, 6.849, 95.232



85, 22.656, 0.683



52, 4.453, 95.161



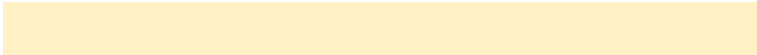
0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

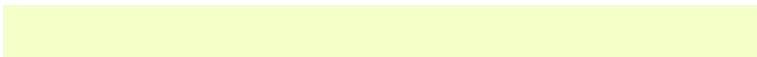
The Same Dimension uses a secret algorithm to generate beautiful new colors.



95, 22.242, 93.327



94, 26.797, 92.747



98, 29.369, 117.808



52, 5.575, 94.935



62, 67.190, 81.837



20, 29.144, 84.394

Inverse Universe

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



85, 22.503, 279.279



82, 27.186, 280.062



83, 30.803, 300.947



50, 5.610, 277.334



30, 87.129, 299.985



7, 34.926, 295.191

Previews

White Background



This preview shows how the CIE LCh color 95, 22.318, 92.621 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, 22.318, 92.621 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

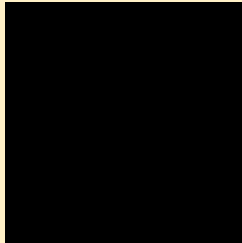
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 95, 22.318, 92.621

Background



This preview shows how black text looks on a background with the CIELCh color 95, 22.318, 92.621.



This preview shows how white text looks on a background with the CIELCh color 95, 22.318, 92.621.

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, 22.196, 93.584

Protanopia

95, 22.099, 94.543

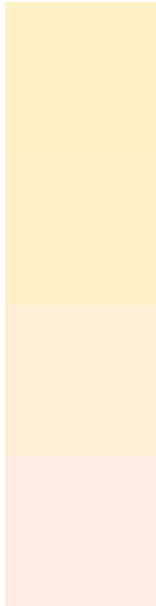
Deuteranopia

95, 8.313, 57.612



Tritanopia
95, 9.417, 339.180

Trichromacy



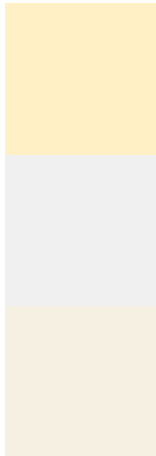
Original Color
95, 22.196, 93.584

Protanomaly
95, 22.099, 94.543

Deuteranomaly
95, 12.904, 80.032

Tritanomaly
95, 7.707, 51.734

Monochromacy



Original Color
95, 22.196, 93.584

Achromatopsia
95, 0.011, 296.813

Achromatomaly
95, 7.875, 96.238

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 95, 22.318, 92.621 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, 240, 198)` looks like.

```
.text, #text, p{  
    color:rgb(255, 240, 198)  
}
```

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, 240, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 240, 198) }
```

Border

The CSS property to change the border of an element to CIELCh 95, 22.318, 92.621 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, 240, 198) }
```

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

```
.border{ border-color:rgb(255, 240, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 240, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 240, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 240, 198);  
box-shadow:4px 4px 4px 4px rgb(255, 240,  
198) }
```

Background

The CSS property to change the background color of an element to CIELCh 95, 22.318, 92.621 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 240, 198) }
```

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

```
.background{ background-color: rgb(255,  
240, 198) }
```

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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