

Converting Colors

CIELCh(95, 23.628, 99.839)

Have a look what the booklet for
CIELCh(95, 23.628, 99.839) contains.

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Color

CIELCh(95, 23.265, 98.954)

Conversions

Conversions Part 1

Format	Color
Hex	FBF1C4
RGB	251, 241, 196
RGB Percent	98%, 95%, 77%
CMY	0.0147, 0.0539, 0.2304
CMYK	0.00, 0.04, 0.22, 0.01
HSL	49°, 88%, 88%
HSV	49°, 22%, 99%
XYZ	81.4021, 87.6183, 64.9949
YIQ	238.8600, 20.4050, -11.8750

Conversions

Conversions Part 2

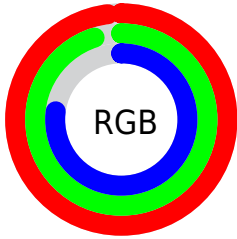
Format	Color
R _Y B	208, 251, 196
Decimal	16511428
CIE Lab	95.00, -3.62, 22.98
CIE LCh	95, 23.265, 98.954
Yxy	87.6183, 0.3478, 0.3744
Android (android.graphics.Color)	4294701508 (0xFFFBF1C4)
YUV	238.8600, -21.1300, 10.6468
Hunter-Lab	93.6047, -8.5780, 24.3549

Details

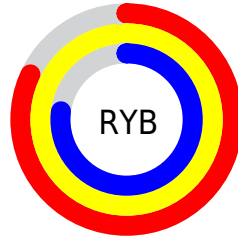
The CIELCh color **95, 23.265, 98.954** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **83, 23.921, 284.370**, and the grayscale version is **95, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 1.003, 110.026**, and **75, 23.300, 98.947** is the 20% darker color. If you saturate the color by 10%, you get **93, 33.922, 97.769**, and if you desaturate by 10%, it is **97, 12.603, 100.121**.

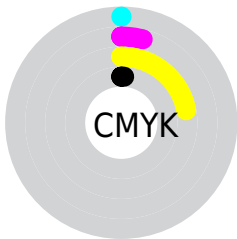
Distribution



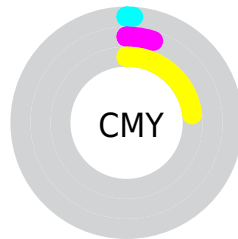
- Red (98%)
- Green (95%)
- Blue (77%)



- Red (82%)
- Yellow (98%)
- Blue (77%)



- Cyan (0%)
- Magenta (4%)
- Yellow (22%)
- Black (1%)



- Cyan (1%)
- Magenta (5%)
- Yellow (23%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 95, 23.265, 98.954 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, 23.265, 98.954 by changing the saturation by 10% instead.

 95, 23.265, 98.954

 95, 23.265, 98.954

 100, 23.265,
98.954

 85, 23.265, 98.954

 75, 23.265, 98.954

 65, 23.265, 98.954

 55, 23.265, 98.954

 45, 23.265, 98.954

 35, 23.265, 98.954

 25, 23.265, 98.954

 15, 23.265, 98.954

 5, 23.265, 98.954

95, 23.265, 98.954

95, 23.265, 98.954

93, 33.922, 97.769

97, 12.603,
100.121

92, 44.464, 96.558

98, 1.990, 101.180

90, 54.711, 95.336

100, 1.286,
200.650

89, 64.350, 94.110

100, 1.298,
199.833

88, 72.881, 92.878

86, 79.589, 91.622

85, 83.693, 90.299

84, 85.084, 89.147

Harmonies

Complementary

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



95, 23.265, 98.954



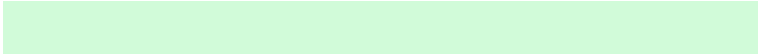
83, 23.921, 284.370

Rectangle

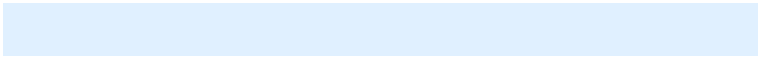
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



95, 23.265, 98.954



95, 23.265, 148.954



95, 23.265, 278.954



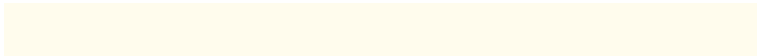
95, 23.265, 328.954

Sweetspot

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



95, 23.267, 98.960



99, 7.490, 100.670



84, 21.234, 6.785



53, 4.868, 100.603



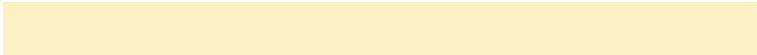
0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

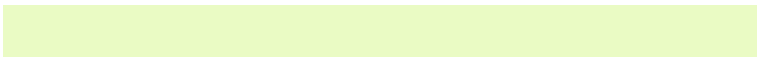
The Same Dimension uses a secret algorithm to generate beautiful new colors.



95, 23.267, 98.960



96, 27.980, 98.471



96, 28.649, 121.182



51, 5.991, 100.393



65, 68.719, 89.419



21, 29.734, 91.416

Inverse Universe

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



83, 23.921, 284.370



82, 28.939, 285.033



82, 29.879, 303.811



48, 6.068, 282.625



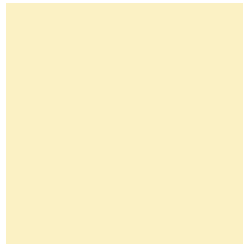
26, 95.237, 303.046



5, 36.619, 297.331

Previews

White Background



This preview shows how the CIELCh color 95, 23.265, 98.954 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, 23.265, 98.954 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

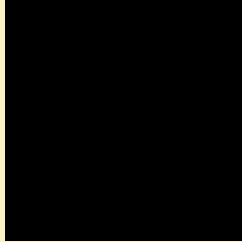
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 95, 23.265, 98.954

Background



This preview shows how black text looks on a background with the CIELCh color 95, 23.265, 98.954.



This preview shows how white text looks on a background with the CIELCh color 95, 23.265, 98.954.

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, 23.265, 98.954

Protanopia

95, 23.184, 94.112

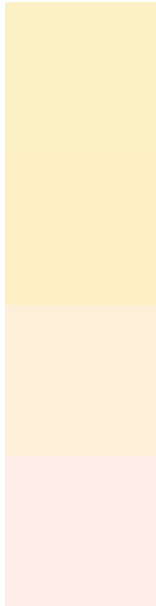
Deuteranopia

95, 8.313, 57.612



Tritanopia
95, 10.481, 332.816

Trichromacy



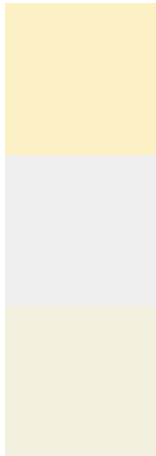
Original Color
95, 23.265, 98.954

Protanomaly
95, 23.090, 95.035

Deuteranomaly
95, 13.008, 83.945

Tritanomaly
95, 7.118, 49.856

Monochromacy



Original Color
95, 23.265, 98.954

Achromatopsia
94, 0.011, 296.813

Achromatomaly
95, 8.762, 102.334

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 95, 23.265, 98.954 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(251, 241, 196)` looks like.

```
.text, #text, p{  
    color:rgb(251, 241, 196)  
}
```

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(251, 241, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 241, 196) }
```

Border

The CSS property to change the border of an element to CIELCh 95, 23.265, 98.954 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(251, 241, 196) }
```

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

```
.border{ border-color:rgb(251, 241, 196) }
```

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

Here you see how a box with a 4 pixel `rgb(251, 241, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 241, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 241, 196);  
box-shadow:4px 4px 4px 4px rgb(251, 241,  
196) }
```

Background

The CSS property to change the background color of an element to CIELCh 95, 23.265, 98.954 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 241, 196) }
```

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

```
.background{ background-color: rgb(251,  
241, 196) }
```

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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