

Converting Colors

CIELCh(95, 2.449, 46.067)

Have a look what the booklet for
CIELCh(95, 2.449, 46.067) contains.

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Color

CIELCh(95, 2.685, 41.737)

Conversions

Conversions Part 1

Format	Color
Hex	F6EFED
RGB	246, 239, 237
RGB Percent	96%, 94%, 93%
CMY	0.0344, 0.0619, 0.0697
CMYK	0.00, 0.03, 0.04, 0.03
HSL	13°, 34%, 95%
HSV	13°, 4%, 97%
XYZ	84.3292, 87.6183, 92.7533
YIQ	240.8650, 4.8140, 0.8620

Conversions

Conversions Part 2

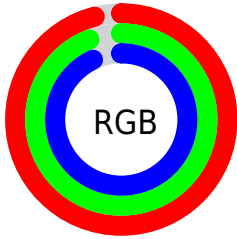
Format	Color
R _Y B	246, 240, 237
Decimal	16183277
CIE Lab	95.00, 2.00, 1.79
CIE LCh	95, 2.685, 41.737
Yxy	87.6183, 0.3186, 0.3310
Android (android.graphics.Color)	4294373357 (0xFF66EF)
YUV	240.8650, -1.9054, 4.5034
Hunter-Lab	93.6047, -2.9961, 6.7725

Details

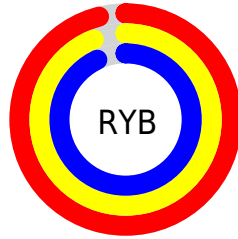
The CIELCh color **95, 2.685, 41.737** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **96, 2.631, 222.506**, and the grayscale version is **95, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **75, 2.831, 41.758** is the 20% darker color. If you saturate the color by 10%, you get **90, 10.449, 41.699**, and if you desaturate by 10%, it is **99, 3.039, 199.430**.

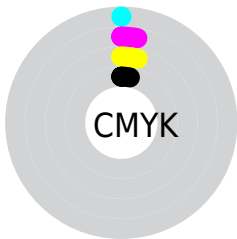
Distribution



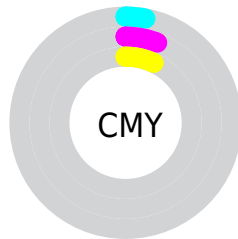
- Red (96%)
- Green (94%)
- Blue (93%)



- Red (96%)
- Yellow (94%)
- Blue (93%)



- Cyan (0%)
- Magenta (3%)
- Yellow (4%)
- Black (3%)



- Cyan (3%)
- Magenta (6%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 95, 2.685, 41.737 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, 2.685, 41.737 by changing the saturation by 10% instead.

 95, 2.685, 41.737	 95, 2.685, 41.737
 100, 2.685, 41.737	 85, 2.685, 41.737
	 75, 2.685, 41.737
	 65, 2.685, 41.737
	 55, 2.685, 41.737
	 45, 2.685, 41.737
	 35, 2.685, 41.737
	 25, 2.685, 41.737
	 15, 2.685, 41.737
	 5, 2.685, 41.737

95, 2.685, 41.737

95, 2.685, 41.737

90, 10.449, 41.699

99, 3.039, 199.430

84, 18.868, 41.559

79, 27.992, 41.537

75, 37.849, 41.676

70, 48.419, 42.011

66, 59.595, 42.556

62, 71.101, 43.264

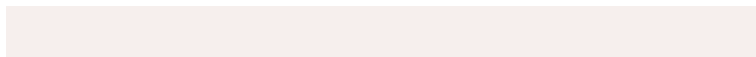
58, 82.288, 43.940

56, 91.744, 44.070

Harmonies

Complementary

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



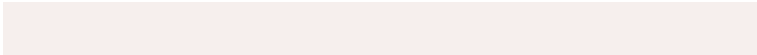
95, 2.685, 41.737



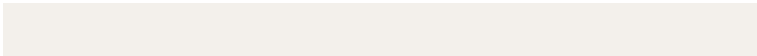
96, 2.631, 222.506

Rectangle

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



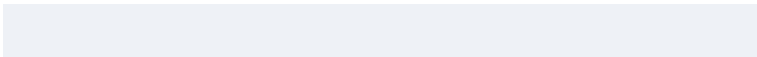
95, 2.685, 41.737



95, 2.685, 91.737



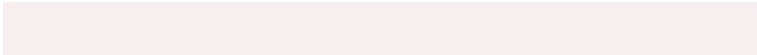
95, 2.685, 221.737



95, 2.685, 271.737

Sweetspot

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



95, 2.684, 41.792



99, 0.745, 41.246



95, 4.850, 331.272



53, 0.424, 41.202



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

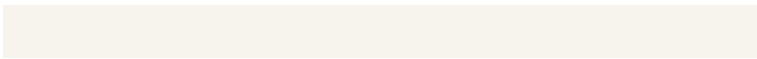
The Same Dimension uses a secret algorithm to generate beautiful new colors.



95, 2.684, 41.792



98, 3.026, 41.802



96, 3.402, 94.408



50, 2.086, 41.813



41, 77.579, 44.229



11, 27.146, 37.240

Inverse Universe

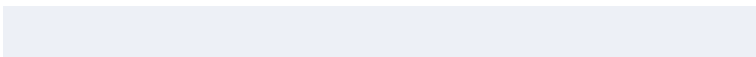
The Inverse Universe completely reimagines the original color for something new.



96, 2.631, 222.506



99, 2.960, 222.499



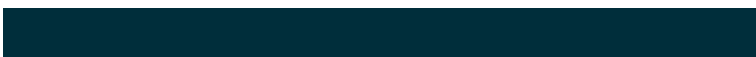
95, 3.426, 275.435



50, 2.031, 222.495



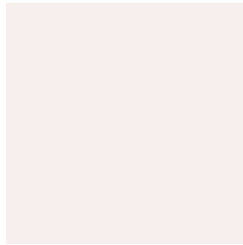
56, 35.194, 240.506



17, 15.375, 234.116

Previews

White Background



This preview shows how the CIE LCh color 95, 2.685, 41.737 looks on a white background.

Color Contrast Check

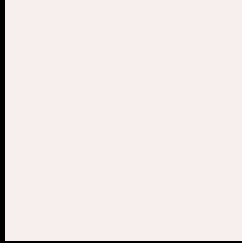
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 95, 2.685, 41.737 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

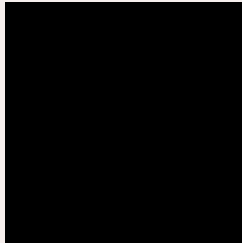
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

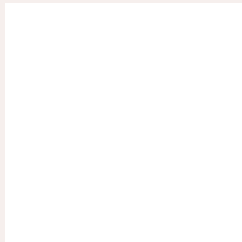
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 95, 2.685, 41.737

Background



This preview shows how black text looks on a background with the CIELCh color 95, 2.685, 41.737.

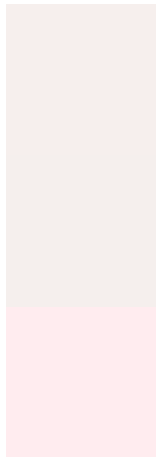


This preview shows how white text looks on a background with the CIELCh color 95, 2.685, 41.737.

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, 2.685, 41.737

Protanopia

95, 2.357, 45.013

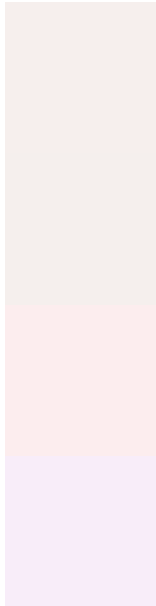
Deuteranopia

95, 6.980, 7.097



Tritanopia
95, 10.819, 315.524

Trichromacy



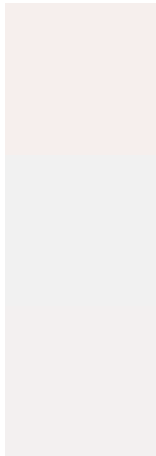
Original Color
95, 2.685, 41.737

Protanomaly
95, 2.357, 45.013

Deuteranomaly
95, 5.392, 14.212

Tritanomaly
95, 7.317, 322.382

Monochromacy



Original Color
95, 2.685, 41.737

Achromatopsia
95, 0.011, 296.813

Achromatomaly
95, 1.063, 18.881

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 95, 2.685, 41.737 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(246, 239, 237)` looks like.

```
.text, #text, p{  
    color:rgb(246, 239, 237)  
}
```

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(246, 239, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 239, 237) }
```

Border

The CSS property to change the border of an element to CIELCh 95, 2.685, 41.737 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(246, 239, 237) }
```

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

```
.border{ border-color:rgb(246, 239, 237) }
```

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

Here you see how a box with a 4 pixel `rgb(246, 239, 237)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 239, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 239, 237);  
box-shadow:4px 4px 4px 4px rgb(246, 239,  
237) }
```

Background

The CSS property to change the background color of an element to CIELCh 95, 2.685, 41.737 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 239, 237) }
```

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

```
.background{ background-color: rgb(246,  
239, 237) }
```

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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