

Converting Colors

CIELCh(95, 2.497, 37.715)

Have a look what the booklet for
CIELCh(95, 2.497, 37.715) contains.

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Color

CIELCh(95, 2.537, 30.963)

Conversions

Conversions Part 1

Format	Color
Hex	F6EFEE
RGB	246, 239, 238
RGB Percent	96%, 94%, 93%
CMY	0.0347, 0.0622, 0.0661
CMYK	0.00, 0.03, 0.03, 0.03
HSL	8°, 31%, 95%
HSV	8°, 3%, 97%
XYZ	84.4198, 87.6183, 93.4628
YIQ	240.9790, 4.4930, 1.1730

Conversions

Conversions Part 2

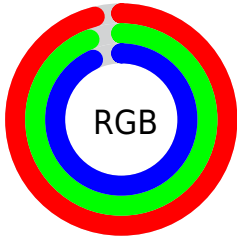
Format	Color
R _Y B	246, 239, 238
Decimal	16183278
CIE Lab	95.00, 2.18, 1.31
CIE LCh	95, 2.537, 30.963
Yxy	87.6183, 0.3180, 0.3300
Android (android.graphics.Color)	4294373358 (0xFF6EFEE)
YUV	240.9790, -1.4686, 4.4034
Hunter-Lab	93.6047, -2.8234, 6.3231

Details

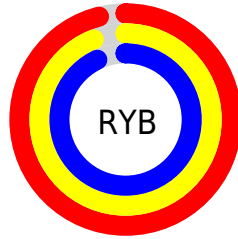
The CIELCh color **95, 2.537, 30.963** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **96, 2.486, 211.461**, and the grayscale version is **95, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **75, 2.673, 31.032** is the 20% darker color. If you saturate the color by 10%, you get **89, 10.779, 31.408**, and if you desaturate by 10%, it is **99, 3.063, 199.427**.

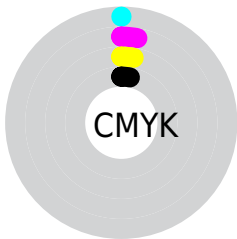
Distribution



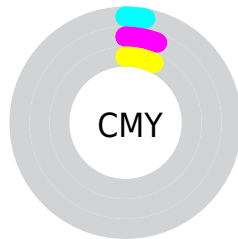
- Red (96%)
- Green (94%)
- Blue (93%)



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



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




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

Brightness & Saturation Gradients

These gradients show how the CIELCh color 95, 2.537, 30.963 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, 2.537, 30.963 by changing the saturation by 10% instead.

 95, 2.537, 30.963	 95, 2.537, 30.963
 100, 2.537, 30.963	 85, 2.537, 30.963
	 75, 2.537, 30.963
	 65, 2.537, 30.963
	 55, 2.537, 30.963
	 45, 2.537, 30.963
	 35, 2.537, 30.963
	 25, 2.537, 30.963
	 15, 2.537, 30.963
	 5, 2.537, 30.963

95, 2.537, 30.963

95, 2.537, 30.963

89, 10.779, 31.408

99, 3.063, 199.427

83, 19.726, 31.778

78, 29.417, 32.323

72, 39.849, 33.110

67, 50.961, 34.202

63, 62.591, 35.644

59, 74.416, 37.422

56, 85.774, 39.346

54, 95.198, 40.819

Harmonies

Complementary

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



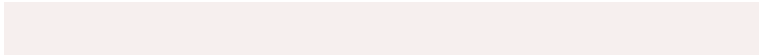
95, 2.537, 30.963



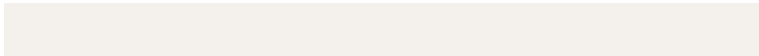
96, 2.486, 211.461

Rectangle

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



95, 2.537, 30.963



95, 2.537, 80.963



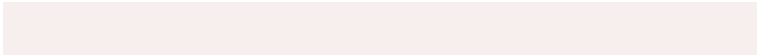
95, 2.537, 210.963



95, 2.537, 260.963

Sweetspot

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



95, 2.536, 31.017



99, 0.795, 30.407



95, 4.628, 327.902



53, 0.452, 30.363



0, 0.000, 0.000



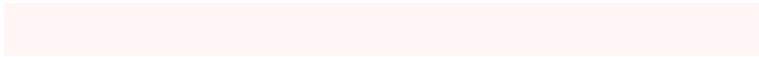
53, 0.007, 296.813

Same Dimension

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



95, 2.536, 31.017



98, 3.221, 31.077



96, 2.730, 86.390



50, 2.221, 31.120



40, 80.468, 41.626



10, 28.594, 31.720

Inverse Universe

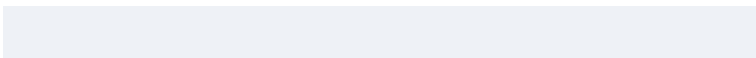
The Inverse Universe completely reimagines the original color for something new.



96, 2.486, 211.461



99, 3.142, 211.407



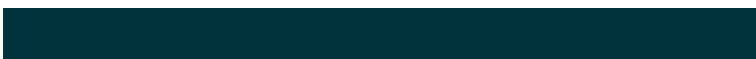
95, 2.741, 267.450



51, 2.156, 211.369



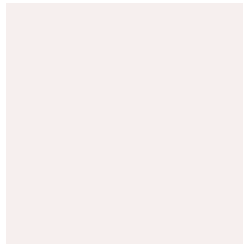
61, 34.680, 219.458



19, 15.565, 216.016

Previews

White Background



This preview shows how the CIE LCh color 95, 2.537, 30.963 looks on a white background.

Color Contrast Check

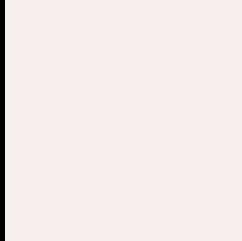
Large Text (above 18pt) WCAG AA × Fail

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, 2.537, 30.963 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

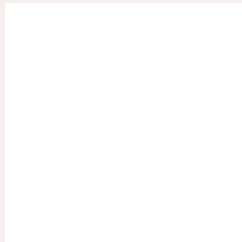
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 95, 2.537, 30.963

Background



This preview shows how black text looks on a background with the CIELCh color 95, 2.537, 30.963.

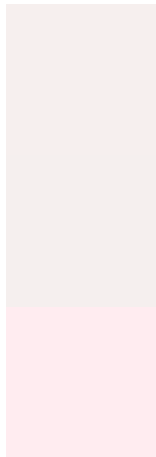


This preview shows how white text looks on a background with the CIELCh color 95, 2.537, 30.963.

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, 2.537, 30.963

Protanopia

95, 2.187, 32.796

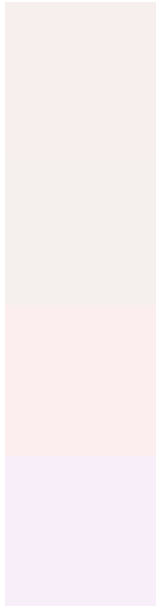
Deuteranopia

95, 7.104, 3.065



Tritanopia
95, 10.199, 314.943

Trichromacy



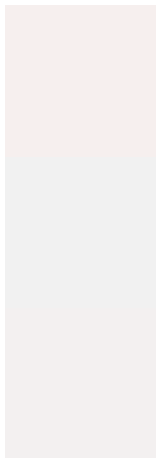
Original Color
95, 2.537, 30.963

Protanomaly
95, 2.187, 32.796

Deuteranomaly
95, 5.461, 8.862

Tritanomaly
95, 6.690, 322.145

Monochromacy



Original Color
95, 2.537, 30.963

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, 2.537, 30.963 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, 238)` looks like.

```
.text, #text, p{  
    color:rgb(246, 239, 238)  
}
```

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, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 239, 238) }
```

Border

The CSS property to change the border of an element to CIELCh 95, 2.537, 30.963 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, 238) }
```

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

```
.border{ border-color:rgb(246, 239, 238) }
```

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, 238) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 239, 238); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 239, 238);  
box-shadow:4px 4px 4px 4px rgb(246, 239,  
238) }
```

Background

The CSS property to change the background color of an element to CIELCh 95, 2.537, 30.963 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, 238) }
```

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

```
.background{ background-color: rgb(246,  
239, 238) }
```

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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