

Converting Colors

CIELCh(95, 6.406, 344.059)

Have a look what the booklet for
CIELCh(95, 6.406, 344.059) contains.

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Color

CIELCh(95, 6.153, 344.035)

Conversions

Conversions Part 1

Format	Color
Hex	FBEDF4
RGB	251, 237, 244
RGB Percent	98%, 93%, 96%
CMY	0.0156, 0.0705, 0.0431
CMYK	0.00, 0.06, 0.03, 0.02
HSL	330°, 64%, 96%
HSV	330°, 6%, 98%
XYZ	86.4060, 87.6183, 97.9548
YIQ	241.9840, 6.0970, 5.1450

Conversions

Conversions Part 2

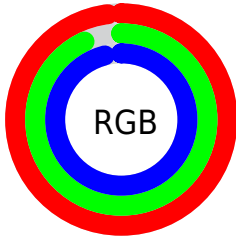
Format	Color
R _Y B	251, 237, 244
Decimal	16510452
CIE Lab	95.00, 5.92, -1.69
CIE LCh	95, 6.153, 344.035
Yxy	87.6183, 0.3177, 0.3222
Android (android.graphics.Color)	4294700532 (0xFFFBEDF4)
YUV	241.9840, 0.9939, 7.9070
Hunter-Lab	93.6047, 0.9643, 3.4778

Details

The CIELCh color `95, 6.153, 344.035` is a light color, and the websafe version is hex `FFFFFF`. A complement of this color would be `97, 6.095, 163.275`, 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, 6.164, 342.104` is the 20% darker color. If you saturate the color by 10%, you get `89, 17.382, 344.987`, and if you desaturate by 10%, it is `100, 1.385, 199.796`.

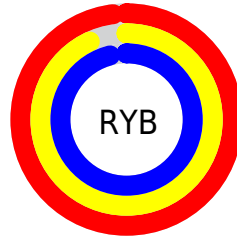
Distribution



Red (98%)

Green (93%)

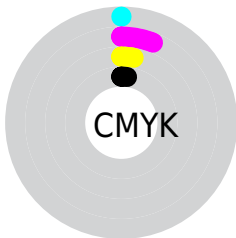
Blue (96%)



Red (98%)

Yellow (93%)

Blue (96%)

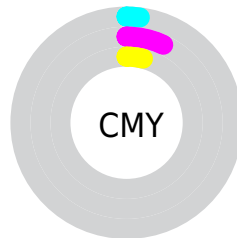


Cyan (0%)

Magenta (6%)

Yellow (3%)

Black (2%)



Cyan (2%)


Magenta (7%)

Yellow (4%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 95, 6.153, 344.035 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, 6.153, 344.035 by changing the saturation by 10% instead.

 95, 6.153, 344.035

 95, 6.153, 344.035

 100, 6.153,
344.035

 85, 6.153, 344.035


 75, 6.153, 344.035

 65, 6.153, 344.035

 55, 6.153, 344.035

 45, 6.153, 344.035

 35, 6.153, 344.035

 25, 6.153, 344.035

 15, 6.153, 344.035

 5, 6.153, 344.035

95, 6.153, 344.035

95, 6.153, 344.035

89, 17.382,
344.987

100, 1.385,
199.796

82, 28.779,
345.997

77, 40.132,
347.136

71, 51.117,
348.450

66, 61.277,
350.008

62, 70.046,
351.902

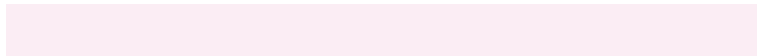
58, 76.835,
354.265

56, 81.221,
357.257

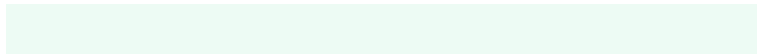
Harmonies

Complementary

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



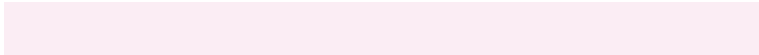
95, 6.153, 344.035



97, 6.095, 163.275

Rectangle

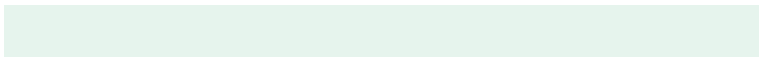
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



95, 6.153, 344.035



95, 6.153, 34.035



95, 6.153, 164.035



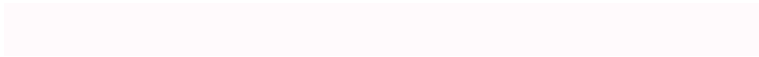
95, 6.153, 214.035

Sweetspot

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



95, 6.150, 344.043



99, 2.228, 343.604



95, 7.639, 309.297



53, 1.267, 343.585



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

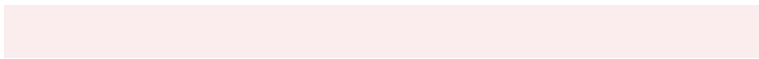
The Same Dimension uses a secret algorithm to generate beautiful new colors.



95, 6.150, 344.043



95, 7.834, 344.181



95, 5.008, 19.619



49, 5.010, 344.237



41, 67.571, 2.083



10, 31.063, 356.228

Inverse Universe

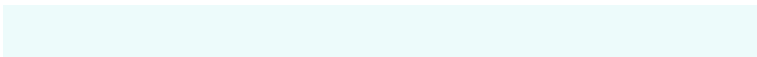
The Inverse Universe completely reimagines the original color for something new.



95, 6.150, 344.043



95, 7.834, 344.181



98, 4.835, 199.231



49, 5.010, 344.237



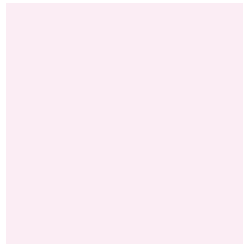
41, 67.571, 2.083



10, 31.063, 356.228

Previews

White Background



This preview shows how the CIELCh color 95, 6.153, 344.035 looks on a white background.

Color Contrast Check

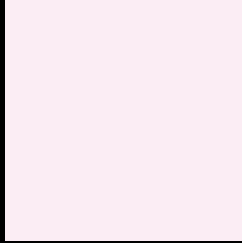
Large Text (above 18pt) WCAG AA × Fail

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, 6.153, 344.035 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

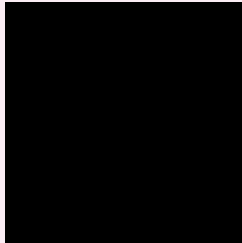
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 95, 6.153, 344.035

Background



This preview shows how black text looks on a background with the CIELCh color 95, 6.153, 344.035.

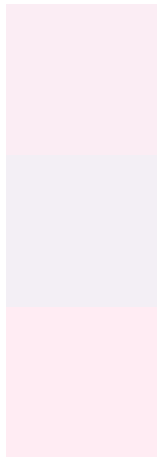


This preview shows how white text looks on a background with the CIELCh color 95, 6.153, 344.035.

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, 6.153, 344.035

Protanopia

95, 3.413, 314.712

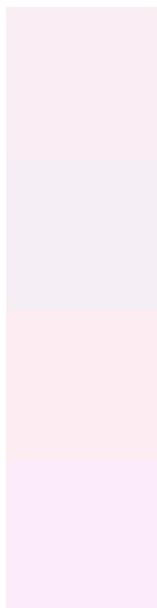
Deuteranopia

95, 7.676, 352.016



Tritanopia
95, 11.486, 321.905

Trichromacy



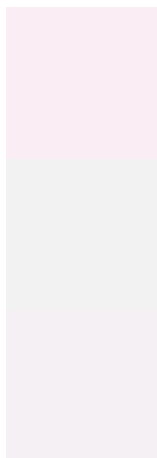
Original Color
95, 6.153, 344.035

Protanomaly
95, 4.601, 328.162

Deuteranomaly
95, 7.362, 350.678

Tritanomaly
95, 9.174, 328.381

Monochromacy



Original Color
95, 6.153, 344.035

Achromatopsia
95, 0.011, 296.813

Achromatomaly
95, 2.362, 338.602

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 95, 6.153, 344.035 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, 237, 244)` looks like.

```
.text, #text, p{  
    color:rgb(251, 237, 244)  
}
```

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, 237, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 237, 244) }
```

Border

The CSS property to change the border of an element to CIELCh 95, 6.153, 344.035 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, 237, 244) }
```

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

```
.border{ border-color:rgb(251, 237, 244) }
```

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

Here you see how a box with a 4 pixel `rgb(251, 237, 244)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 237, 244); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 237, 244);  
box-shadow:4px 4px 4px 4px rgb(251, 237,  
244) }
```

Background

The CSS property to change the background color of an element to CIELCh 95, 6.153, 344.035 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 237, 244) }
```

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

```
.background{ background-color: rgb(251,  
237, 244) }
```

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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