

Converting Colors

CIELCh(95, 4.747, 354.020)

Have a look what the booklet for
CIELCh(95, 4.747, 354.020) contains.

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Color

CIELCh(95, 4.747, 354.020)

Conversions

Conversions Part 1

Format	Color
Hex	FAEEF2
RGB	250, 238, 242
RGB Percent	98%, 93%, 95%
CMY	0.0209, 0.0679, 0.0522
CMYK	0.00, 0.05, 0.03, 0.02
HSL	340°, 53%, 96%
HSV	340°, 5%, 98%
XYZ	85.7683, 87.6183, 96.1430
YIQ	242.0440, 5.8680, 3.7880

Conversions

Conversions Part 2

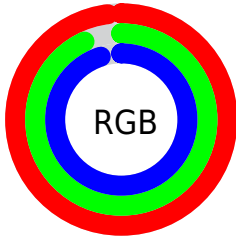
Format	Color
R _Y B	250, 238, 242
Decimal	16445170
CIE Lab	95.00, 4.72, -0.49
CIE LCh	95, 4.747, 354.020
Yxy	87.6183, 0.3182, 0.3251
Android (android.graphics.Color)	4294635250 (0xFFFAEEF2)
YUV	242.0440, -0.0217, 6.9774
Hunter-Lab	93.6047, -0.2518, 4.6255

Details

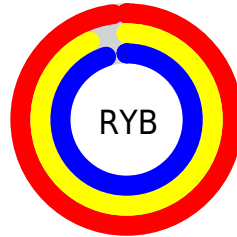
The CIELCh color `95, 4.747, 354.020` is a light color, and the websafe version is hex `FFFFFF`. A complement of this color would be `97, 4.678, 173.386`, and the grayscale version is `95, 0.011, 296.813`.

A 20% lighter version of the original color is `100, 0.012, 296.813`, and `75, 4.991, 354.169` is the 20% darker color. If you saturate the color by 10%, you get `89, 14.897, 355.129`, and if you desaturate by 10%, it is `100, 1.847, 199.647`.

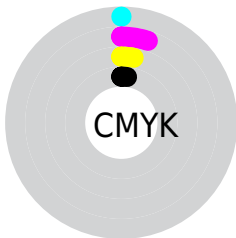
Distribution



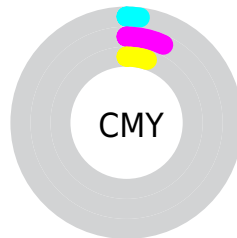
- Red (98%)
- Green (93%)
- Blue (95%)



- Red (98%)
- Yellow (93%)
- Blue (95%)



- Cyan (0%)
- Magenta (5%)
- Yellow (3%)
- Black (2%)



- Cyan (2%)
- Magenta (7%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 95, 4.747, 354.020 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, 4.747, 354.020 by changing the saturation by 10% instead.



95, 4.747, 354.020

95, 4.747, 354.020

89, 14.897,
355.129

100, 1.847,
199.647

82, 25.366,
356.316

76, 36.001,
357.700

71, 46.548,
359.358

65, 56.630, 1.393

61, 65.768, 3.943

57, 73.462, 7.183

55, 79.387, 11.288

53, 83.622, 16.350

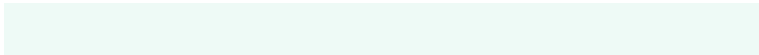
Harmonies

Complementary

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



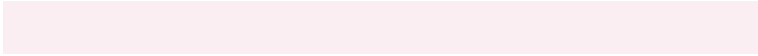
95, 4.747, 354.020



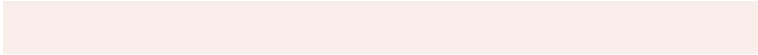
97, 4.678, 173.386

Rectangle

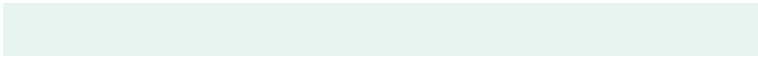
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



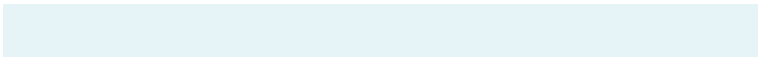
95, 4.747, 354.020



95, 4.747, 44.020



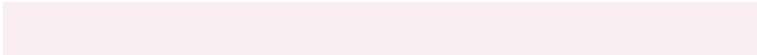
95, 4.747, 174.020



95, 4.747, 224.020

Sweetspot

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



95, 4.745, 354.035



99, 1.002, 353.241



95, 6.806, 314.839



53, 0.570, 353.207



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

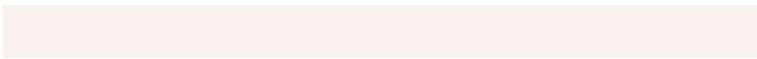
The Same Dimension uses a secret algorithm to generate beautiful new colors.



95, 4.745, 354.035



96, 6.043, 354.174



95, 3.702, 35.486



50, 3.947, 354.245



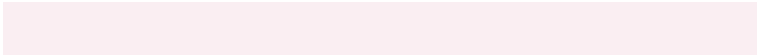
40, 68.952, 18.157



9, 30.490, 9.716

Inverse Universe

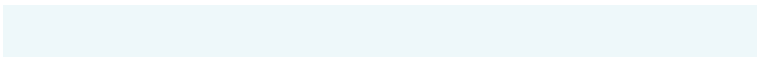
The Inverse Universe completely reimagines the original color for something new.



95, 4.745, 354.035



96, 6.043, 354.174



97, 3.594, 215.913



50, 3.947, 354.245



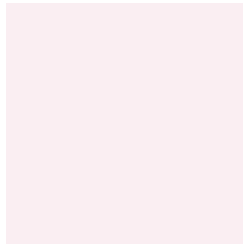
40, 68.952, 18.157



9, 30.490, 9.716

Previews

White Background



This preview shows how the CIE LCh color 95, 4.747, 354.020 looks on a white background.

Color Contrast Check

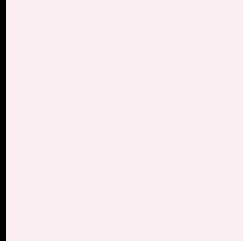
Large Text (above 18pt) WCAG AA × Fail

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, 4.747, 354.020 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

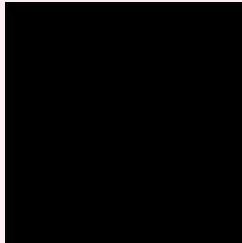
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

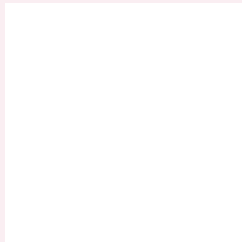
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 95, 4.747, 354.020

Background



This preview shows how black text looks on a background with the CIELCh color 95, 4.747, 354.020.

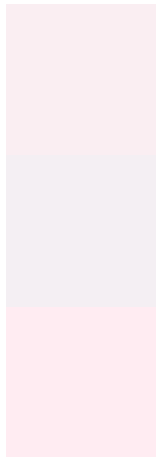


This preview shows how white text looks on a background with the CIELCh color 95, 4.747, 354.020.

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, 4.747, 354.020

Protanopia

95, 2.731, 330.525

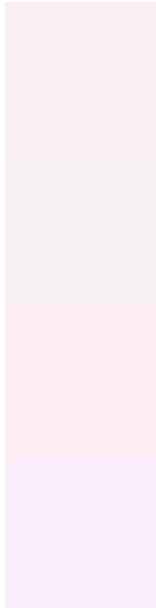
Deuteranopia

95, 7.455, 355.504



Tritanopia
95, 10.859, 321.717

Trichromacy



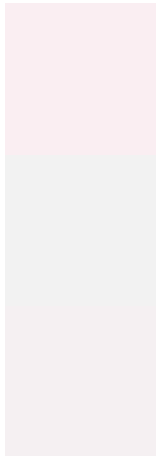
Original Color
95, 4.747, 354.020

Protanomaly
95, 3.238, 340.075

Deuteranomaly
95, 6.262, 355.604

Tritanomaly
95, 8.335, 326.702

Monochromacy



Original Color
95, 4.747, 354.020

Achromatopsia
95, 0.011, 296.813

Achromatomaly
95, 2.059, 349.346

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 95, 4.747, 354.020 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(250, 238, 242)` looks like.

```
.text, #text, p{  
    color:rgb(250, 238, 242)  
}
```

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(250, 238, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 238, 242) }
```

Border

The CSS property to change the border of an element to CIELCh 95, 4.747, 354.020 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(250, 238, 242) }
```

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

```
.border{ border-color:rgb(250, 238, 242) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 238, 242)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 238, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 238, 242);  
box-shadow:4px 4px 4px 4px rgb(250, 238,  
242) }
```

Background

The CSS property to change the background color of an element to CIELCh 95, 4.747, 354.020 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 238, 242) }
```

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

```
.background{ background-color: rgb(250,  
238, 242) }
```

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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