

Converting Colors

CIELCh(95, 2.206, 341.849)

Have a look what the booklet for
CIELCh(95, 2.206, 341.849) contains.

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Color

CIELCh(95, 2.364, 338.603)

Conversions

Conversions Part 1

Format	Color
Hex	F4EFF2
RGB	244, 239, 242
RGB Percent	96%, 94%, 95%
CMY	0.0420, 0.0616, 0.0498
CMYK	0.00, 0.02, 0.01, 0.04
HSL	324°, 19%, 95%
HSV	324°, 2%, 96%
XYZ	84.4332, 87.6183, 96.6971
YIQ	240.8370, 2.0170, 1.9930

Conversions

Conversions Part 2

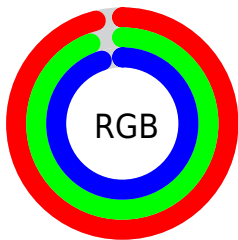
Format	Color
RYB	244, 239, 242
Decimal	16052210
CIELab	95.00, 2.20, -0.86
CIELCh	95, 2.364, 338.603
Yxy	87.6183, 0.3142, 0.3260
Android (android.graphics.Color)	4294242290 (0xFF4EFF2)
YUV	240.8370, 0.5734, 2.7740
Hunter-Lab	93.6047, -2.7977, 4.2745

Details

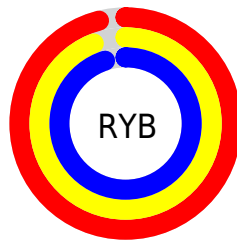
The CIELCh color `95, 2.364, 338.603` is a light color, and the websafe version is hex `FFFFFF`. A complement of this color would be `96, 2.341, 158.679`, and the grayscale version is `95, 0.011, 296.813`.

A 20% lighter version of the original color is `100, 0.012, 296.813`, and `75, 2.483, 338.685` is the 20% darker color. If you saturate the color by 10%, you get `89, 14.020, 339.544`, and if you desaturate by 10%, it is `99, 4.021, 177.597`.

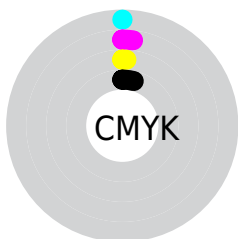
Distribution



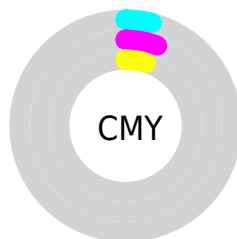
- Red (96%)
- Green (94%)
- Blue (95%)



- Red (96%)
- Yellow (94%)
- Blue (95%)



- Cyan (0%)
- Magenta (2%)
- Yellow (1%)
- Black (4%)



- Cyan (4%)
- Magenta (6%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 95, 2.364, 338.603 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, 2.364, 338.603 by changing the saturation by 10% instead.

95, 2.364, 338.603

95, 2.364, 338.603

100, 2.364,
338.603

85, 2.364, 338.603

75, 2.364, 338.603

65, 2.364, 338.603

55, 2.364, 338.603

45, 2.364, 338.603

35, 2.364, 338.603

25, 2.364, 338.603

15, 2.364, 338.603

5, 2.364, 338.603

95, 2.364, 338.603

95, 2.364, 338.603

89, 14.020,
339.544

99, 4.021, 177.597

83, 25.839,
340.402

99, 3.699, 199.350

77, 37.626,
341.335

71, 49.081,
342.373

66, 59.778,
343.551

62, 69.167,
344.924

59, 76.639,
346.571

56, 81.664,
348.596

■ 54, 84.007,
351.129

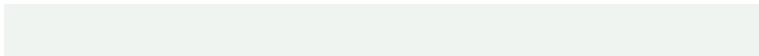
Harmonies

Complementary

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



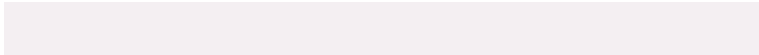
95, 2.364, 338.603



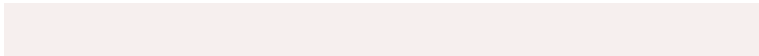
96, 2.341, 158.679

Rectangle

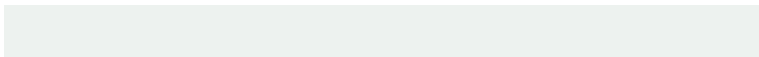
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



95, 2.364, 338.603



95, 2.364, 28.603



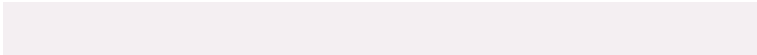
95, 2.364, 158.603



95, 2.364, 208.603

Sweetspot

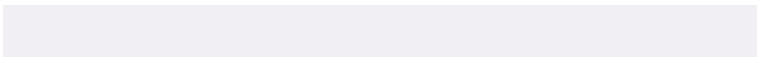
The Sweet Spot groups the original color and five complimentary colors.



95, 2.361, 338.618



99, 1.198, 338.351



95, 2.680, 305.565



53, 0.682, 338.328



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

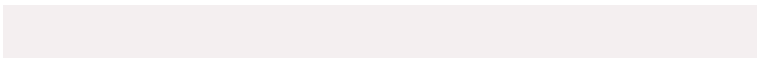
The Same Dimension uses a secret algorithm to generate beautiful new colors.



95, 2.361, 338.618



99, 2.391, 338.611



95, 1.794, 10.966



51, 1.315, 338.592



41, 68.970, 352.942



9, 31.489, 348.542

Inverse Universe

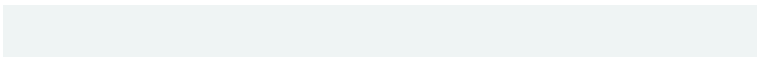
The Inverse Universe completely reimagines the original color for something new.



95, 2.361, 338.618



99, 2.391, 338.611



96, 1.770, 191.341



51, 1.315, 338.592



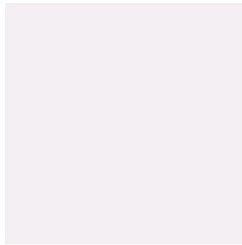
41, 68.970, 352.942



9, 31.489, 348.542

Previews

White Background



This preview shows how the CIELCh color 95, 2.364, 338.603 looks on a white background.

Color Contrast Check

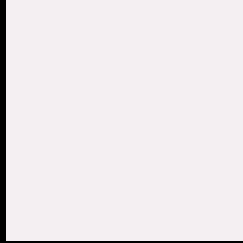
Large Text (above 18pt) WCAG AA × Fail

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, 2.364, 338.603 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

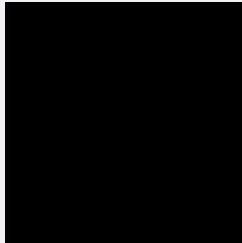
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

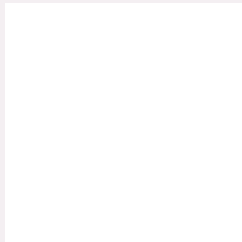
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 95, 2.364, 338.603

Background



This preview shows how black text looks on a background with the CIELCh color 95, 2.364, 338.603.

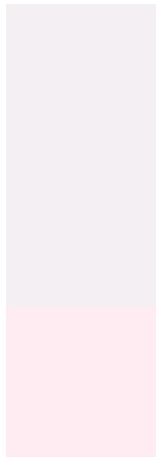


This preview shows how white text looks on a background with the CIELCh color 95, 2.364, 338.603.

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, 2.364, 338.603

Protanopia

95, 2.364, 338.603

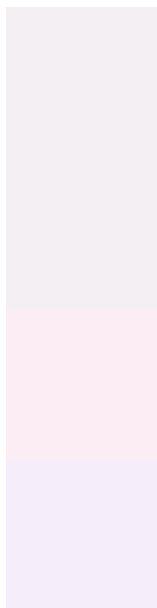
Deuteranopia

95, 7.676, 352.016



Tritanopia
95, 9.813, 309.369

Trichromacy



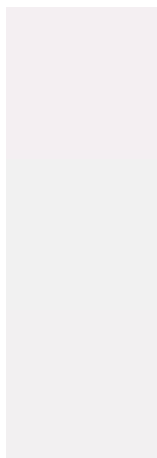
Original Color
95, 2.364, 338.603

Protanomaly
95, 2.364, 338.603

Deuteranomaly
95, 5.869, 348.093

Tritanomaly
95, 6.671, 312.101

Monochromacy



Original Color
95, 2.364, 338.603

Achromatopsia
95, 0.011, 296.813

Achromatomaly
95, 0.886, 343.190

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 95, 2.364, 338.603 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(244, 239, 242)` looks like.

```
.text, #text, p{  
    color:rgb(244, 239, 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(244, 239, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 239, 242) }
```

Border

The CSS property to change the border of an element to CIELCh 95, 2.364, 338.603 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(244, 239, 242) }
```

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

```
.border{ border-color:rgb(244, 239, 242) }
```

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

Here you see how a box with a 4 pixel rgb(244, 239, 242) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 239, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 239, 242);  
box-shadow:4px 4px 4px 4px rgb(244, 239,  
242) }
```

Background

The CSS property to change the background color of an element to CIELCh 95, 2.364, 338.603 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 239, 242) }
```

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

```
.background{ background-color: rgb(244,  
239, 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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