

Converting Colors

CIELCh(95, 3.348, 341.151)

Have a look what the booklet for
CIELCh(95, 3.348, 341.151) contains.

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Color

CIELCh(95, 3.238, 340.075)

Conversions

Conversions Part 1

Format	Color
Hex	F6EFF3
RGB	246, 239, 243
RGB Percent	96%, 94%, 95%
CMY	0.0361, 0.0636, 0.0479
CMYK	0.00, 0.03, 0.01, 0.04
HSL	326°, 28%, 95%
HSV	326°, 3%, 96%
XYZ	84.8783, 87.6183, 97.0612
YIQ	241.5490, 2.8880, 2.7280

Conversions

Conversions Part 2

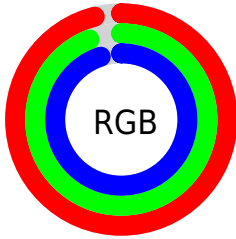
Format	Color
R _Y B	246, 239, 243
Decimal	16183283
CIE Lab	95.00, 3.04, -1.10
CIE LCh	95, 3.238, 340.075
Yxy	87.6183, 0.3149, 0.3250
Android (android.graphics.Color)	4294373363 (0xFF6EFF3)
YUV	241.5490, 0.7153, 3.9035
Hunter-Lab	93.6047, -1.9489, 4.0438

Details

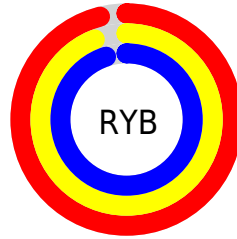
The CIELCh color $95, 3.238, 340.075$ is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be $96, 3.212, 159.925$, and the grayscale version is $95, 0.011, 296.813$.

A 20% lighter version of the original color is $100, 0.012, 296.813$, and $75, 3.400, 340.165$ is the 20% darker color. If you saturate the color by 10%, you get $89, 14.742, 340.999$, and if you desaturate by 10%, it is $99, 3.319, 184.519$.

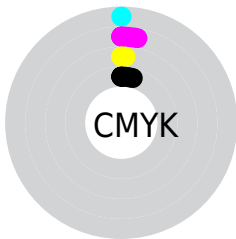
Distribution



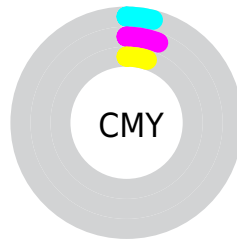
- Red (96%)
- Green (94%)
- Blue (95%)



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



- Cyan (0%)
- Magenta (3%)
- Yellow (1%)
- Black (4%)



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

Brightness & Saturation Gradients

These gradients show how the CIELCh color 95, 3.238, 340.075 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, 3.238, 340.075 by changing the saturation by 10% instead.

 95, 3.238, 340.075	 95, 3.238, 340.075
 100, 3.238, 340.075	 85, 3.238, 340.075
	 75, 3.238, 340.075
	 65, 3.238, 340.075
	 55, 3.238, 340.075
	 45, 3.238, 340.075
	 35, 3.238, 340.075
	 25, 3.238, 340.075
	 15, 3.238, 340.075
	 5, 3.238, 340.075

95, 3.238, 340.075

95, 3.238, 340.075

89, 14.742,
340.999

99, 3.319, 184.519

83, 26.413,
341.895

99, 3.188, 199.411

77, 38.050,
342.880


71, 49.351,
343.986

66, 59.883,
345.258

62, 69.093,
346.759

58, 76.373,
348.582

56, 81.213,
350.849

 54, 83.425,
353.701

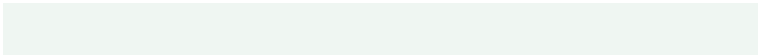
Harmonies

Complementary

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



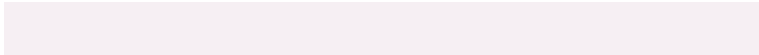
95, 3.238, 340.075



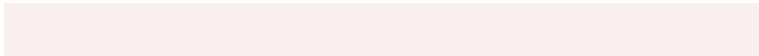
96, 3.212, 159.925

Rectangle

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



95, 3.238, 340.075



95, 3.238, 30.075



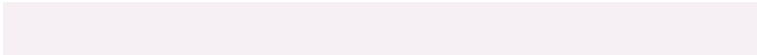
95, 3.238, 160.075



95, 3.238, 210.075

Sweetspot

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



95, 3.235, 340.087



99, 1.174, 339.694



95, 3.759, 306.214



53, 0.668, 339.670



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, 3.235, 340.087



98, 3.514, 340.106



95, 2.506, 12.478



50, 2.578, 340.195



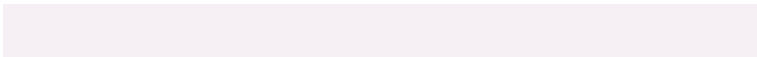
40, 68.178, 355.444



9, 31.078, 350.556

Inverse Universe

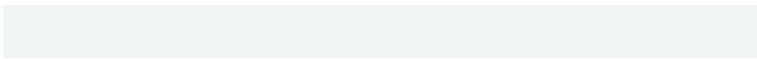
The Inverse Universe completely reimagines the original color for something new.



95, 3.235, 340.087



98, 3.514, 340.106



96, 2.464, 192.551



50, 2.578, 340.195



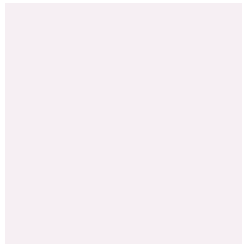
40, 68.178, 355.444



9, 31.078, 350.556

Previews

White Background



This preview shows how the CIELCh color 95, 3.238, 340.075 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 CIELCh color 95, 3.238, 340.075 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

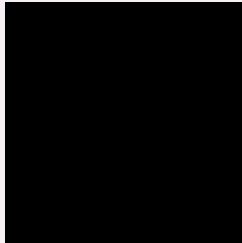
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

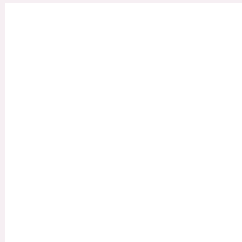
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 95, 3.238, 340.075

Background



This preview shows how black text looks on a background with the CIELCh color 95, 3.238, 340.075.

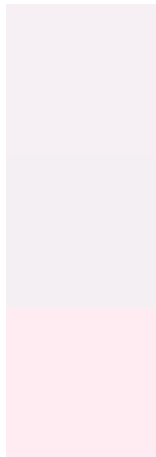


This preview shows how white text looks on a background with the CIELCh color 95, 3.238, 340.075.

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, 3.238, 340.075

Protanopia

95, 2.731, 330.525

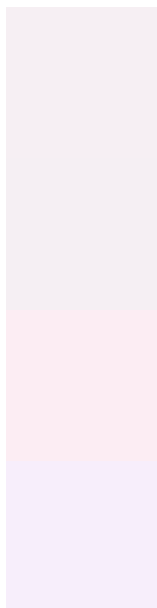
Deuteranopia

95, 7.676, 352.016



Tritanopia
95, 9.931, 311.271

Trichromacy



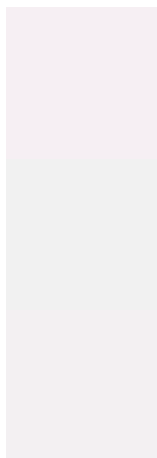
Original Color
95, 3.238, 340.075

Protanomaly
95, 2.974, 335.700

Deuteranomaly
95, 6.175, 349.866

Tritanomaly
95, 7.423, 315.677

Monochromacy



Original Color
95, 3.238, 340.075

Achromatopsia
95, 0.011, 296.813

Achromatomaly
95, 1.492, 335.482

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 95, 3.238, 340.075 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, 243)` looks like.

```
.text, #text, p{  
    color:rgb(246, 239, 243)  
}
```

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, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 239, 243) }
```

Border

The CSS property to change the border of an element to CIELCh 95, 3.238, 340.075 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, 243) }
```

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

```
.border{ border-color:rgb(246, 239, 243) }
```

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, 243) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 239, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 239, 243);  
box-shadow:4px 4px 4px 4px rgb(246, 239,  
243) }
```

Background

The CSS property to change the background color of an element to CIELCh 95, 3.238, 340.075 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, 243) }
```

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

```
.background{ background-color: rgb(246,  
239, 243) }
```

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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