

Converting Colors

CIELCh(95, 5.072, 321.885)

Have a look what the booklet for
CIELCh(95, 5.072, 321.885) contains.

CIELCh(95, 5.446, 321.526)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(95, 5.446, 321.526)

Conversions

Conversions Part 1

Format	Color
Hex	F6EEF7
RGB	246, 238, 247
RGB Percent	96%, 93%, 97%
CMY	0.0345, 0.0659, 0.0306
CMYK	0.00, 0.04, 0.00, 0.03
HSL	293°, 37%, 95%
HSV	293°, 4%, 97%
XYZ	85.5249, 87.6183, 100.5588
YIQ	241.4180, 1.8790, 4.4950

Conversions

Conversions Part 2

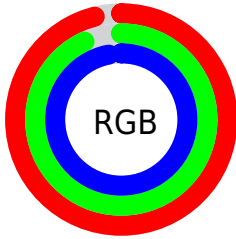
Format	Color
R _Y B	246, 238, 247
Decimal	16183031
CIE Lab	95.00, 4.26, -3.39
CIE LCh	95, 5.446, 321.526
Yxy	87.6183, 0.3125, 0.3201
Android (android.graphics.Color)	4294373111 (0xFF6EEF7)
YUV	241.4180, 2.7519, 4.0184
Hunter-Lab	93.6047, -0.7160, 1.8284

Details

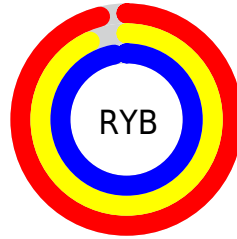
The CIELCh color `95, 5.446, 321.526` is a light color, and the websafe version is hex `FFFFFF`. A complement of this color would be `96, 5.418, 141.270`, and the grayscale version is `95, 0.011, 296.813`.

A 20% lighter version of the original color is `100, 0.012, 296.813`, and `75, 5.719, 321.585` is the 20% darker color. If you saturate the color by 10%, you get `89, 20.540, 322.046`, and if you desaturate by 10%, it is `99, 4.510, 138.009`.

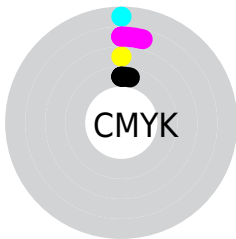
Distribution



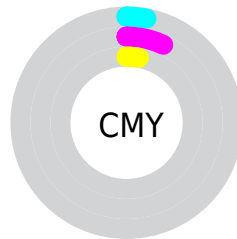
- Red (96%)
- Green (93%)
- Blue (97%)



- Red (96%)
- Yellow (93%)
- Blue (97%)



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



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


Brightness & Saturation Gradients

These gradients show how the CIELCh color 95, 5.446, 321.526 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, 5.446, 321.526 by changing the saturation by 10% instead.

 95, 5.446, 321.526

 95, 5.446, 321.526

 100, 5.446,
321.526

 85, 5.446, 321.526

 75, 5.446, 321.526

 65, 5.446, 321.526

 55, 5.446, 321.526

 45, 5.446, 321.526

 35, 5.446, 321.526

 25, 5.446, 321.526

 15, 5.446, 321.526

 5, 5.446, 321.526

95, 5.446, 321.526

95, 5.446, 321.526

89, 20.540,
322.046

99, 4.510, 138.009

83, 35.755,
322.536

100, 4.129,
126.246

77, 50.851,
323.006

100, 3.953,
112.725

72, 65.476,
323.437

100, 3.945,
109.864

67, 79.148,
323.805

62, 91.265,
324.080

59, 101.175,
324.229

56, 108.315,
324.224

■ 55,112.428,
324.046

Harmonies

Complementary

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



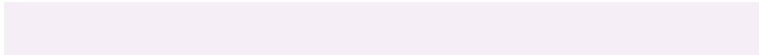
95, 5.446, 321.526



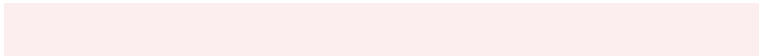
96, 5.418, 141.270

Rectangle

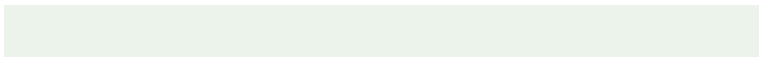
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



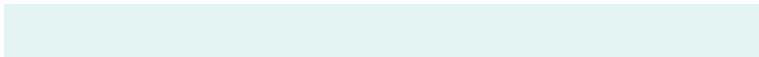
95, 5.446, 321.526



95, 5.446, 11.526



95, 5.446, 141.526



95, 5.446, 191.526

Sweetspot

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



95, 5.443, 321.524



99, 1.537, 321.267



95, 4.104, 285.408



53, 0.874, 321.255



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, 5.443, 321.524



97, 6.136, 321.547



95, 4.296, 338.032



50, 4.219, 321.589



41, 91.944, 323.933



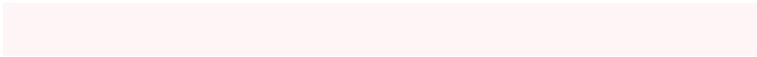
9, 40.820, 324.488

Inverse Universe

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



95, 3.247, 10.351



97, 3.663, 10.400



97, 4.269, 157.695



50, 2.524, 10.490



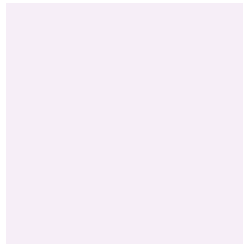
39, 77.775, 35.281



8, 30.382, 20.501

Previews

White Background



This preview shows how the CIELCh color 95, 5.446, 321.526 looks on a white background.

Color Contrast Check

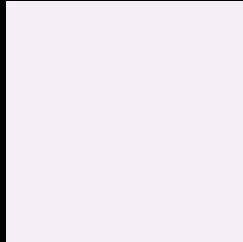
Large Text (above 18pt) WCAG AA × Fail

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, 5.446, 321.526 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

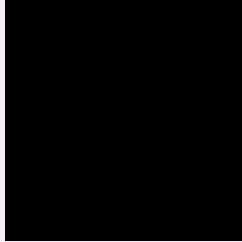
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

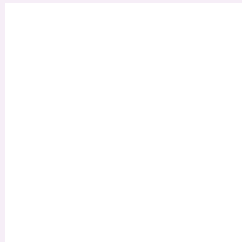
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 95, 5.446, 321.526

Background



This preview shows how black text looks on a background with the CIELCh color 95, 5.446, 321.526.

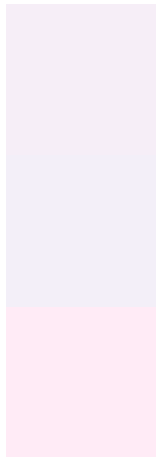


This preview shows how white text looks on a background with the CIELCh color 95, 5.446, 321.526.

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, 5.446, 321.526

Protanopia

95, 4.857, 307.249

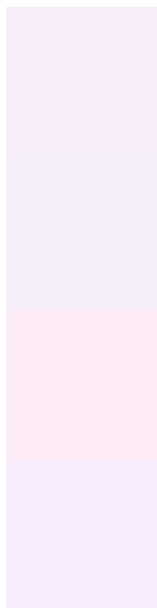
Deuteranopia

95, 9.093, 341.628



Tritanopia
95, 9.931, 311.271

Trichromacy



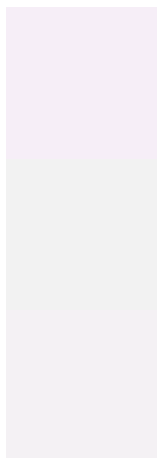
Original Color
95, 5.446, 321.526

Protanomaly
95, 4.973, 311.106

Deuteranomaly
95, 7.675, 337.897

Tritanomaly
95, 8.508, 314.893

Monochromacy



Original Color
95, 5.446, 321.526

Achromatopsia
95, 0.011, 296.813

Achromatomaly
95, 1.886, 324.351

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 95, 5.446, 321.526 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, 238, 247)` looks like.

```
.text, #text, p{  
    color:rgb(246, 238, 247)  
}
```

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, 238, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 238, 247) }
```

Border

The CSS property to change the border of an element to CIELCh 95, 5.446, 321.526 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, 238, 247) }
```

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

```
.border{ border-color:rgb(246, 238, 247) }
```

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

Here you see how a box with a 4 pixel `rgb(246, 238, 247)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 238, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 238, 247);  
box-shadow:4px 4px 4px 4px rgb(246, 238,  
247) }
```

Background

The CSS property to change the background color of an element to CIELCh 95, 5.446, 321.526 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 238, 247) }
```

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

```
.background{ background-color: rgb(246,  
238, 247) }
```

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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