

Converting Colors

CIELCh(100, 27.936, 17.520)

Have a look what the booklet for
CIELCh(100, 27.936, 17.520)
contains.

CIELCh(95, 7.104, 3.065)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(95, 7.104, 3.065)

Conversions

Conversions Part 1

Format	Color
Hex	FFECF0
RGB	255, 236, 240
RGB Percent	100%, 93%, 94%
CMY	0.0000, 0.0741, 0.0585
CMYK	0.00, 0.07, 0.06, 0.00
HSL	347°, 100%, 96%
HSV	347°, 7%, 100%
XYZ	87.0380, 87.6183, 94.8345
YIQ	242.1370, 10.0400, 5.2720

Conversions

Conversions Part 2

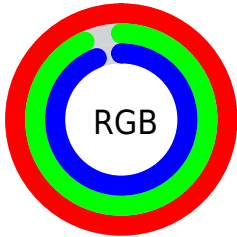
Format	Color
R _Y B	255, 236, 240
Decimal	16772336
CIE Lab	95.00, 7.09, 0.38
CIE LCh	95, 7.104, 3.065
Yxy	87.6183, 0.3230, 0.3251
Android (android.graphics.Color)	4294962416 (0xFFFFEFCF0)
YUV	242.1370, -1.0535, 11.2809
Hunter-Lab	93.6047, 2.1696, 5.4542

Details

The CIELCh color **95, 7.104, 3.065** is a light color, and the websafe version is hex FFFFFF. A complement of this color would be **99, 6.868, 181.805**, and the grayscale version is **96, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **75, 7.118, 2.356** is the 20% darker color. If you saturate the color by 10%, you get **88, 17.033, 4.119**, and if you desaturate by 10%, it is **100, 0.012, 296.813**.

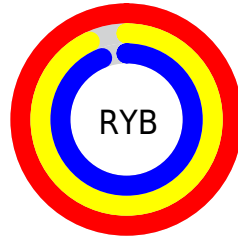
Distribution



Red (100%)

Green (93%)

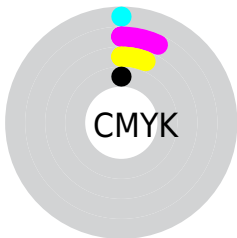
Blue (94%)



Red (100%)

Yellow (93%)

Blue (94%)

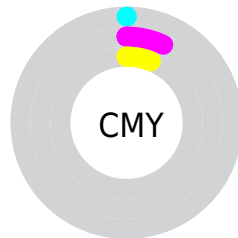


Cyan (0%)

Magenta (7%)

Yellow (6%)

Black (0%)



Cyan (0%)

Magenta (7%)

Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 95, 7.104, 3.065 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, 7.104, 3.065 by changing the saturation by 10% instead.

 95, 7.104, 3.065

 95, 7.104, 3.065

 100, 7.104, 3.065

 85, 7.104, 3.065

 75, 7.104, 3.065

 65, 7.104, 3.065

 55, 7.104, 3.065

 45, 7.104, 3.065

 35, 7.104, 3.065

 25, 7.104, 3.065

 15, 7.104, 3.065

 5, 7.104, 3.065

95, 7.104, 3.065

95, 7.104, 3.065

88, 17.033, 4.119

100, 0.012,
296.813

82, 27.441, 5.411

76, 38.159, 6.967

70, 48.953, 8.889

65, 59.476, 11.305

61, 69.293, 14.373

57, 78.001, 18.246

55, 85.401, 22.991

54, 91.628, 28.405

Harmonies

Complementary

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



95, 7.104, 3.065



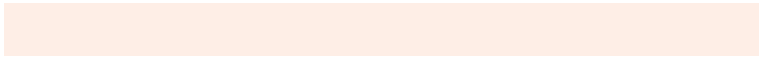
99, 6.868, 181.805

Rectangle

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



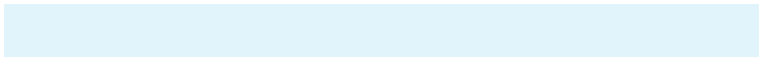
95, 7.104, 3.065



95, 7.104, 53.065



95, 7.104, 183.065



95, 7.104, 233.065

Sweetspot

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



95, 7.069, 2.996



99, 1.883, 2.245



95, 11.054, 318.614



53, 1.071, 2.219



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

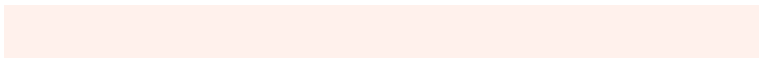
The Same Dimension uses a secret algorithm to generate beautiful new colors.



95, 7.069, 2.996



94, 8.618, 3.170



96, 5.567, 48.952



50, 5.451, 3.225



40, 74.391, 28.730



10, 31.917, 18.151

Inverse Universe

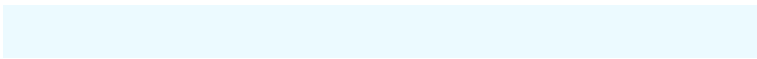
The Inverse Universe completely reimagines the original color for something new.



95, 7.069, 2.996



94, 8.618, 3.170



97, 5.346, 230.104



50, 5.451, 3.225



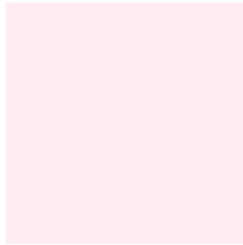
40, 74.391, 28.730



10, 31.917, 18.151

Previews

White Background



This preview shows how the CIELCh color 95, 7.104, 3.065 looks on a white background.

Color Contrast Check

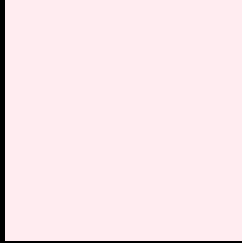
Large Text (above 18pt) WCAG AA × Fail

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, 7.104, 3.065 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

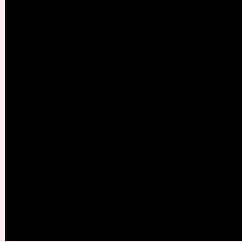
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

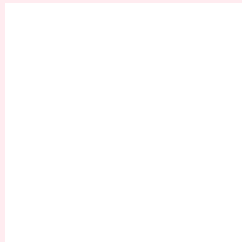
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 95, 7.104, 3.065

Background



This preview shows how black text looks on a background with the CIELCh color 95, 7.104, 3.065.

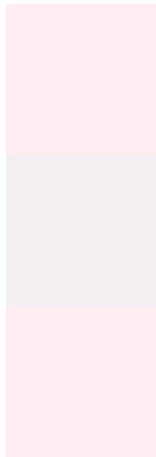


This preview shows how white text looks on a background with the CIELCh color 95, 7.104, 3.065.

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, 7.104, 3.065

Protanopia

95, 2.364, 338.603

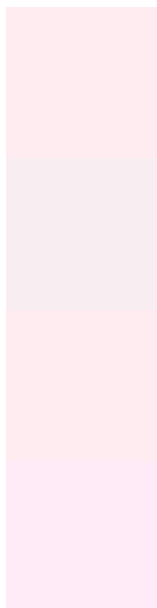
Deuteranopia

95, 7.263, 359.192



Tritanopia
95, 10.862, 330.985

Trichromacy



Original Color

95, 7.104, 3.065

Protanomaly

95, 3.886, 356.190

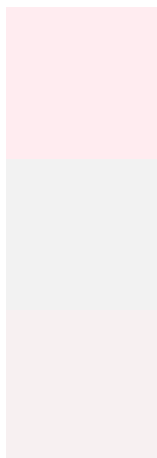
Deuteranomaly

95, 7.263, 359.192

Tritanomaly

95, 9.417, 339.180

Monochromacy



Original Color

95, 7.104, 3.065

Achromatopsia

95, 0.011, 296.813

Achromatomaly

95, 2.542, 7.704

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 95, 7.104, 3.065 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(255, 236, 240)` looks like.

```
.text, #text, p{  
    color:rgb(255, 236, 240)  
}
```

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(255, 236, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 236, 240) }
```

Border

The CSS property to change the border of an element to CIELCh 95, 7.104, 3.065 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(255, 236, 240) }
```

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

```
.border{ border-color:rgb(255, 236, 240) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 236, 240)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 236, 240); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 236, 240); box-shadow:4px 4px 4px 4px rgb(255, 236, 240) }
```

Background

The CSS property to change the background color of an element to CIELCh 95, 7.104, 3.065 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 236, 240) }
```

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

```
.background{ background-color: rgb(255,  
236, 240) }
```

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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