

Converting Colors

CIELCh(95, 8.209, 352.627)

Have a look what the booklet for
CIELCh(95, 8.209, 352.627) contains.

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Color

CIELCh(95, 7.676, 352.016)

Conversions

Conversions Part 1

Format	Color
Hex	FFECF3
RGB	255, 236, 243
RGB Percent	100%, 93%, 95%
CMY	0.0005, 0.0750, 0.0475
CMYK	0.00, 0.07, 0.05, 0.00
HSL	338°, 99%, 96%
HSV	338°, 7%, 100%
XYZ	87.3114, 87.6183, 97.0048
YIQ	242.4790, 9.0770, 6.2050

Conversions

Conversions Part 2

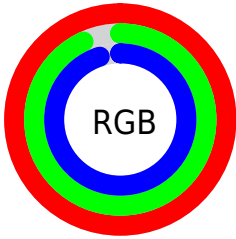
Format	Color
R _{YB}	255, 236, 243
Decimal	16772339
CIE Lab	95.00, 7.60, -1.07
CIE LCh	95, 7.676, 352.016
Yxy	87.6183, 0.3211, 0.3222
Android (android.graphics.Color)	4294962419 (0xFFFFEFCF3)
YUV	242.4790, 0.2569, 10.9809
Hunter-Lab	93.6047, 2.6908, 4.0796

Details

The CIELCh color **95, 7.676, 352.016** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **98, 7.540, 170.800**, 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, 7.739, 350.873** is the 20% darker color. If you saturate the color by 10%, you get **88, 18.270, 353.097**, and if you desaturate by 10%, it is **100, 0.044, 214.667**.

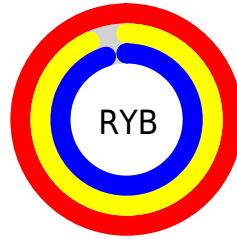
Distribution



Red (100%)

Green (93%)

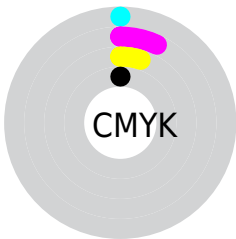
Blue (95%)



Red (100%)

Yellow (93%)

Blue (95%)

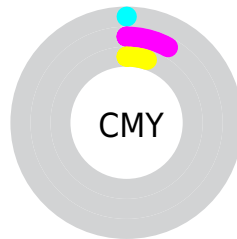


Cyan (0%)

Magenta (7%)

Yellow (5%)

Black (0%)



Cyan (0%)

Magenta (8%)

Yellow (5%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 95, 7.676, 352.016 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, 7.676, 352.016 by changing the saturation by 10% instead.

 95, 7.676, 352.016

 95, 7.676, 352.016

 100, 7.676,
352.016

 85, 7.676, 352.016

 75, 7.676, 352.016

 65, 7.676, 352.016

 55, 7.676, 352.016

 45, 7.676, 352.016

 35, 7.676, 352.016

 25, 7.676, 352.016

 15, 7.676, 352.016

 5, 7.676, 352.016

95, 7.676, 352.016

95, 7.676, 352.016

88, 18.270,
353.097

100, 0.044,
214.667

82, 29.119,
354.296

76, 40.028,
355.695

71, 50.692,
357.371

65, 60.677,
359.428

61, 69.456, 2.008

58, 76.520, 5.289

56, 81.601, 9.447

54, 84.932, 14.558

Harmonies

Complementary

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



95, 7.676, 352.016



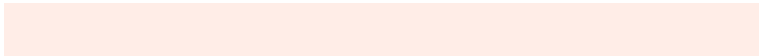
98, 7.540, 170.800

Rectangle

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



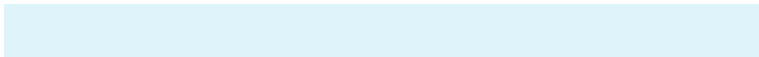
95, 7.676, 352.016



95, 7.676, 42.016



95, 7.676, 172.016



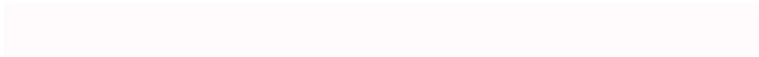
95, 7.676, 222.016

Sweetspot

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



95, 7.673, 352.025



99, 2.044, 351.320



95, 10.635, 313.331



53, 1.162, 351.297



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

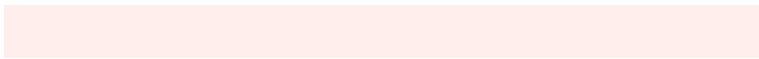
The Same Dimension uses a secret algorithm to generate beautiful new colors.



95, 7.673, 352.025



94, 9.296, 352.188



95, 6.130, 30.337



50, 5.877, 352.241



41, 68.834, 14.876



10, 31.286, 7.493

Inverse Universe

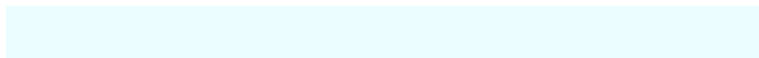
The Inverse Universe completely reimagines the original color for something new.



95, 7.673, 352.025



94, 9.296, 352.188



98, 5.842, 210.338



50, 5.877, 352.241



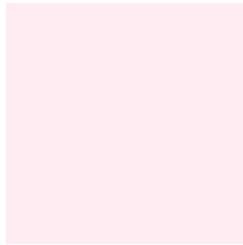
41, 68.834, 14.876



10, 31.286, 7.493

Previews

White Background



This preview shows how the CIELCh color 95, 7.676, 352.016 looks on a white background.

Color Contrast Check

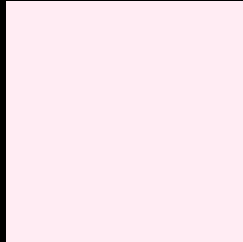
Large Text (above 18pt) WCAG AA × Fail

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, 7.676, 352.016 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

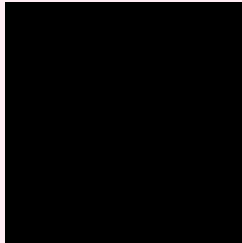
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

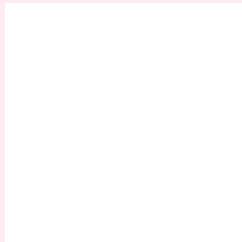
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 95, 7.676, 352.016

Background



This preview shows how black text looks on a background with the CIELCh color 95, 7.676, 352.016.

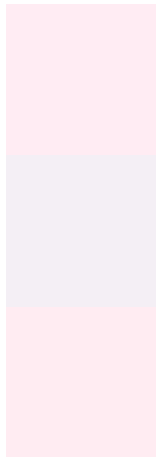


This preview shows how white text looks on a background with the CIELCh color 95, 7.676, 352.016.

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, 7.676, 352.016

Protanopia

95, 3.575, 319.839

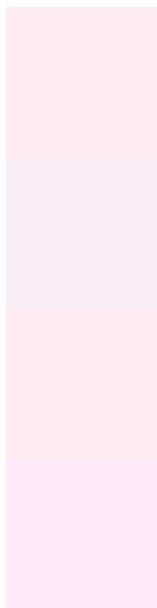
Deuteranopia

95, 7.455, 355.504



Tritanopia
95, 11.254, 329.283

Trichromacy



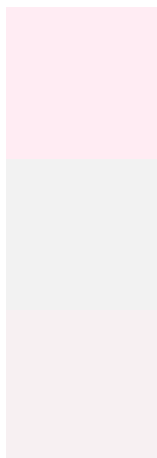
Original Color
95, 7.676, 352.016

Protanomaly
95, 4.717, 338.842

Deuteranomaly
95, 7.455, 355.504

Tritanomaly
95, 10.113, 334.785

Monochromacy



Original Color
95, 7.676, 352.016

Achromatopsia
95, 0.011, 296.813

Achromatomaly
95, 2.696, 357.011

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 95, 7.676, 352.016 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, 243)` looks like.

```
.text, #text, p{  
    color:rgb(255, 236, 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(255, 236, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 236, 243) }
```

Border

The CSS property to change the border of an element to CIELCh 95, 7.676, 352.016 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, 243) }
```

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

```
.border{ border-color:rgb(255, 236, 243) }
```

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, 243)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 236, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 236, 243);  
box-shadow:4px 4px 4px 4px rgb(255, 236,  
243) }
```

Background

The CSS property to change the background color of an element to CIELCh 95, 7.676, 352.016 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, 243) }
```

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

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