

Converting Colors

CIELCh(95, 1.754, 199.503)

Have a look what the booklet for
CIELCh(95, 1.754, 199.503) contains.

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Color

CIELCh(95, 1.752, 199.653)

Conversions

Conversions Part 1

Format	Color
Hex	EDF2F2
RGB	237, 242, 242
RGB Percent	93%, 95%, 95%
CMY	0.0720, 0.0524, 0.0524
CMYK	0.02, 0.00, 0.00, 0.05
HSL	180°, 16%, 94%
HSV	180°, 2%, 95%
XYZ	82.4200, 87.6183, 96.2854
YIQ	240.5050, -2.9800, -1.0600

Conversions

Conversions Part 2

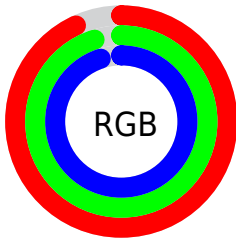
Format	Color
R_{YB}	237, 240, 242
Decimal	15594226
CIE Lab	95.00, -1.65, -0.59
CIE LCh	95, 1.752, 199.653
Yxy	87.6183, 0.3095, 0.3290
Android (android.graphics.Color)	4293784306 (0xFFEDF2F2)
YUV	240.5050, 0.7370, -3.0739
Hunter-Lab	93.6047, -6.6368, 4.5353

Details

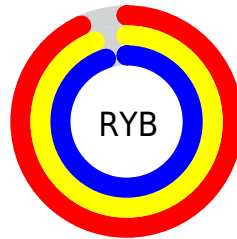
The CIELCh color **95, 1.752, 199.653** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **94, 1.779, 19.108**, and the grayscale version is **95, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **75, 1.839, 199.542** is the 20% darker color. If you saturate the color by 10%, you get **93, 9.984, 198.744**, and if you desaturate by 10%, it is **96, 4.760, 19.496**.

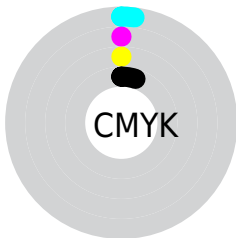
Distribution



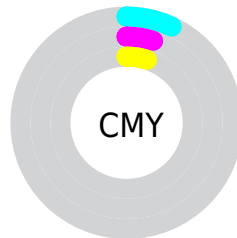
- Red (93%)
- Green (95%)
- Blue (95%)



- Red (93%)
- Yellow (94%)
- Blue (95%)



- Cyan (2%)
- Magenta (0%)
- Yellow (0%)
- Black (5%)



- Cyan (7%)
- Magenta (5%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 95, 1.752, 199.653 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, 1.752, 199.653 by changing the saturation by 10% instead.

95, 1.752, 199.653

95, 1.752, 199.653

100, 1.752,
199.653

85, 1.752, 199.653

75, 1.752, 199.653

65, 1.752, 199.653

55, 1.752, 199.653

45, 1.752, 199.653

35, 1.752, 199.653

25, 1.752, 199.653

15, 1.752, 199.653

5, 1.752, 199.653

95, 1.752, 199.653

95, 1.752, 199.653

93, 9.984, 198.744

96, 4.760, 19.496

92, 17.707,
198.215

96, 4.760, 19.380

91, 24.785,
197.751

96, 4.760, 19.263

96, 4.760, 19.146

90, 31.080,
197.349

96, 4.760, 19.029

89, 36.464,
197.009

96, 4.760, 18.912

96, 4.760, 18.795

88, 40.840,
196.736

96, 4.760, 18.679

87, 44.151,
196.528

96, 4.760, 18.562

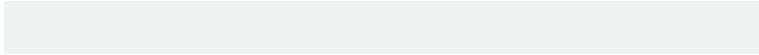
87, 46.402,
196.385

■ 87, 47.669,
196.300

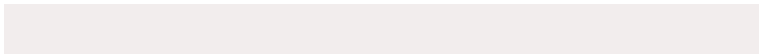
Harmonies

Complementary

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



95, 1.752, 199.653



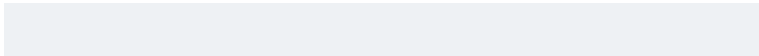
94, 1.779, 19.108

Rectangle

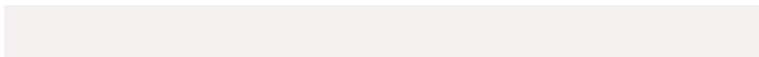
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



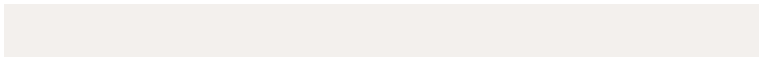
95, 1.752, 199.653



95, 1.752, 249.653



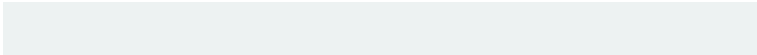
95, 1.752, 19.653



95, 1.752, 69.653

Sweetspot

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



95, 1.753, 199.586



100, 0.886, 200.031



95, 3.109, 143.980



53, 0.504, 200.073



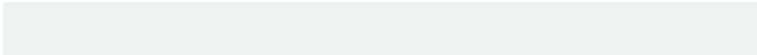
0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

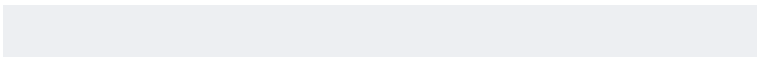
The Same Dimension uses a secret algorithm to generate beautiful new colors.



95, 1.753, 199.586



100, 1.770, 199.601



94, 1.534, 254.127



50, 0.957, 199.629



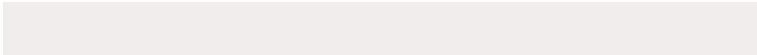
68, 39.179, 196.266



21, 17.102, 196.282

Inverse Universe

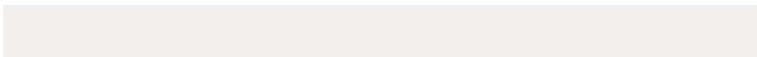
The Inverse Universe completely reimagines the original color for something new.



94, 1.779, 19.108



99, 1.795, 19.093



95, 1.527, 73.059



50, 0.970, 19.065



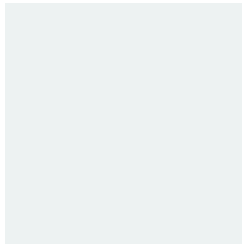
38, 81.666, 39.963



8, 29.832, 23.775

Previews

White Background



This preview shows how the CIELCh color 95, 1.752, 199.653 looks on a white background.

Color Contrast Check

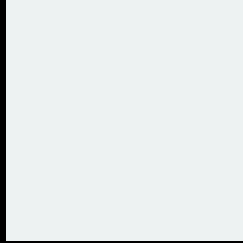
Large Text (above 18pt) WCAG AA × Fail

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, 1.752, 199.653 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

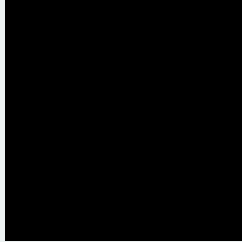
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

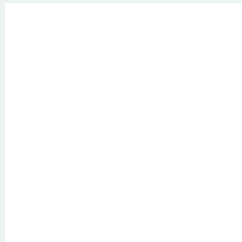
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 95, 1.752, 199.653

Background



This preview shows how black text looks on a background with the CIELCh color 95, 1.752, 199.653.

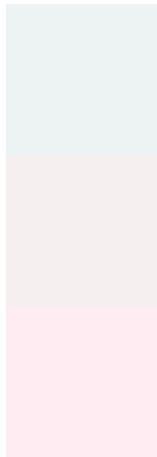


This preview shows how white text looks on a background with the CIELCh color 95, 1.752, 199.653.

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, 1.752, 199.653

Protanopia

95, 2.197, 5.766

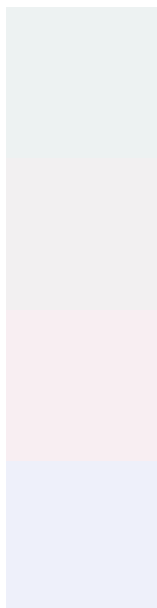
Deuteranopia

95, 7.455, 355.504



Tritanopia
95, 8.231, 290.823

Trichromacy



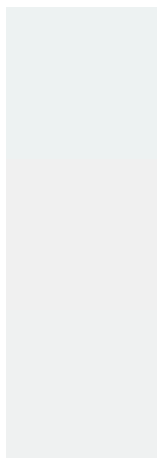
Original Color
95, 1.752, 199.653

Protanomaly
95, 0.886, 343.190

Deuteranomaly
95, 4.117, 349.648

Tritanomaly
95, 5.180, 282.909

Monochromacy



Original Color
95, 1.752, 199.653

Achromatopsia
95, 0.011, 296.813

Achromatomaly
95, 0.703, 200.263

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 95, 1.752, 199.653 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(237, 242, 242)` looks like.

```
.text, #text, p{  
    color:rgb(237, 242, 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(237, 242, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 242, 242) }
```

Border

The CSS property to change the border of an element to CIELCh 95, 1.752, 199.653 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(237, 242, 242) }
```

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

```
.border{ border-color:rgb(237, 242, 242) }
```

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

Here you see how a box with a 4 pixel `rgb(237, 242, 242)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 242, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 242, 242);  
box-shadow:4px 4px 4px 4px rgb(237, 242,  
242) }
```

Background

The CSS property to change the background color of an element to CIELCh 95, 1.752, 199.653 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 242, 242) }
```

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

```
.background{ background-color: rgb(237,  
242, 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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