

Converting Colors

CIELCh(95, 2.473, 192.733)

Have a look what the booklet for
CIELCh(95, 2.473, 192.733) contains.

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Color

CIELCh(95, 2.449, 199.504)

Conversions

Conversions Part 1

Format	Color
Hex	EBF2F2
RGB	235, 242, 242
RGB Percent	92%, 95%, 95%
CMY	0.0782, 0.0508, 0.0508
CMYK	0.03, 0.00, 0.00, 0.05
HSL	180°, 21%, 94%
HSV	180°, 3%, 95%
XYZ	82.0790, 87.6183, 96.6295
YIQ	239.9070, -4.1720, -1.4840

Conversions

Conversions Part 2

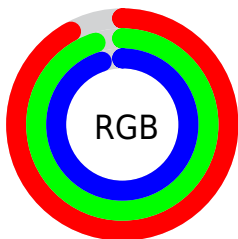
Format	Color
R _Y B	235, 239, 242
Decimal	15463154
CIE Lab	95.00, -2.31, -0.82
CIE LCh	95, 2.449, 199.504
Yxy	87.6183, 0.3082, 0.3290
Android (android.graphics.Color)	4293653234 (0xFFEBF2F2)
YUV	239.9070, 1.0318, -4.3034
Hunter-Lab	93.6047, -7.2872, 4.3173

Details

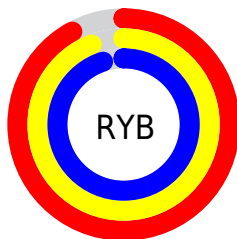
The CIELCh color **95, 2.449, 199.504** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **94, 2.497, 19.280**, and the grayscale version is **95, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **75, 2.569, 199.402** is the 20% darker color. If you saturate the color by 10%, you get **93, 10.655, 198.717**, and if you desaturate by 10%, it is **96, 4.609, 19.513**.

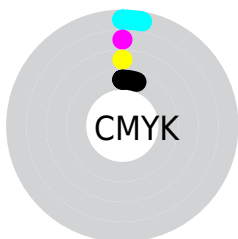
Distribution



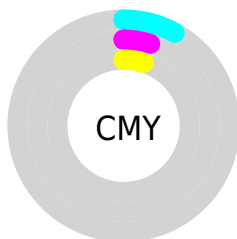
- Red (92%)
- Green (95%)
- Blue (95%)



- Red (92%)
- Yellow (94%)
- Blue (95%)



- Cyan (3%)
- Magenta (0%)
- Yellow (0%)
- Black (5%)



- Cyan (8%)
- Magenta (5%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 95, 2.449, 199.504 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, 2.449, 199.504 by changing the saturation by 10% instead.

95, 2.449, 199.504

95, 2.449, 199.504

100, 2.449,
199.504

85, 2.449, 199.504

75, 2.449, 199.504

65, 2.449, 199.504

55, 2.449, 199.504

45, 2.449, 199.504

35, 2.449, 199.504

25, 2.449, 199.504

15, 2.449, 199.504

5, 2.449, 199.504

95, 2.449, 199.504

95, 2.449, 199.504

93, 10.655,
198.717

96, 4.609, 19.513

92, 18.341,
198.195

96, 4.609, 19.428

91, 25.369,
197.738

96, 4.609, 19.342

90, 31.600,
197.341

96, 4.609, 19.256

89, 36.911,
197.008

96, 4.609, 19.171

88, 41.204,
196.742

96, 4.609, 19.085


88, 44.430,
196.542

96, 4.609, 19.000

87, 46.597,
196.407

96, 4.609, 18.914

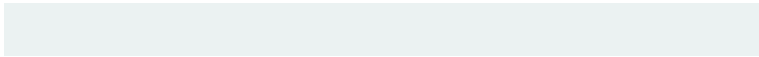
96, 4.609, 18.829

 87, 47.789,
196.329

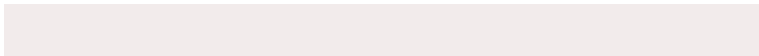
Harmonies

Complementary

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



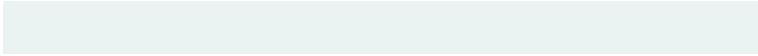
95, 2.449, 199.504



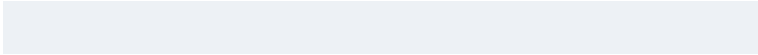
94, 2.497, 19.280

Rectangle

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



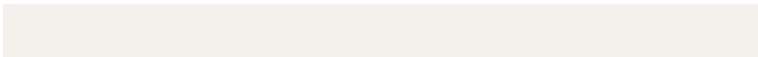
95, 2.449, 199.504



95, 2.449, 249.504



95, 2.449, 19.504



95, 2.449, 69.504

Sweetspot

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



95, 2.450, 199.457



100, 0.886, 200.050



95, 4.359, 143.907



53, 0.504, 200.092



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

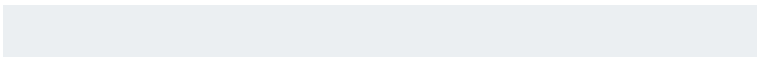
The Same Dimension uses a secret algorithm to generate beautiful new colors.



95, 2.450, 199.457



99, 2.650, 199.440



94, 2.144, 254.148



50, 1.906, 199.346



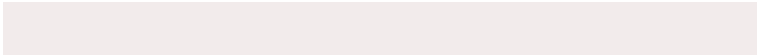
68, 39.172, 196.301



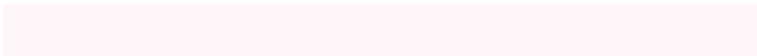
21, 17.099, 196.313

Inverse Universe

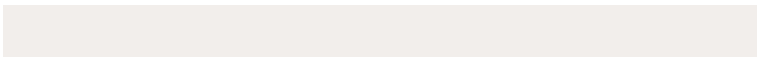
The Inverse Universe completely reimagines the original color for something new.



94, 2.497, 19.280



98, 2.702, 19.296



94, 2.145, 73.042



49, 1.953, 19.396



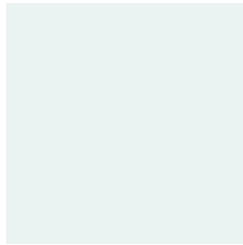
38, 81.677, 39.972



8, 29.833, 23.784

Previews

White Background



This preview shows how the CIELCh color 95, 2.449, 199.504 looks on a white background.

Color Contrast Check

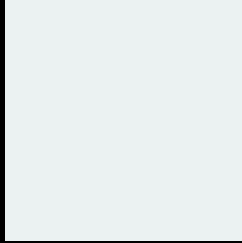
Large Text (above 18pt) WCAG AA × Fail

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, 2.449, 199.504 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

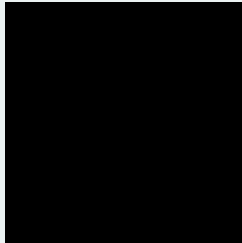
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

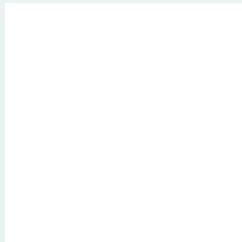
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 95, 2.449, 199.504

Background



This preview shows how black text looks on a background with the CIELCh color 95, 2.449, 199.504.

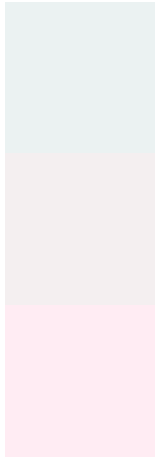


This preview shows how white text looks on a background with the CIELCh color 95, 2.449, 199.504.

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, 2.449, 199.504

Protanopia

95, 1.853, 3.116

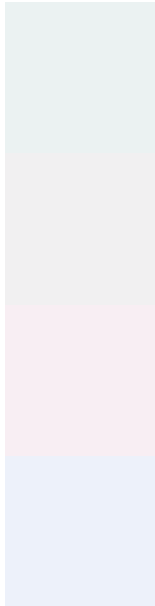
Deuteranopia

95, 7.676, 352.016



Tritanopia
95, 7.731, 285.690

Trichromacy



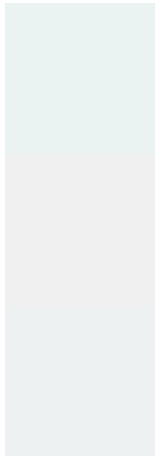
Original Color
95, 2.449, 199.504

Protanomaly
95, 0.636, 323.999

Deuteranomaly
95, 4.397, 343.875

Tritanomaly
95, 4.808, 273.829

Monochromacy



Original Color
95, 2.449, 199.504

Achromatopsia
95, 0.011, 296.813

Achromatomaly
95, 1.054, 199.938

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 95, 2.449, 199.504 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(235, 242, 242)` looks like.

```
.text, #text, p{  
    color:rgb(235, 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(235, 242, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 242, 242) }
```

Border

The CSS property to change the border of an element to CIELCh 95, 2.449, 199.504 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(235, 242, 242) }
```

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

```
.border{ border-color:rgb(235, 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(235, 242, 242)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 242, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 242, 242);  
box-shadow:4px 4px 4px 4px rgb(235, 242,  
242) }
```

Background

The CSS property to change the background color of an element to CIELCh 95, 2.449, 199.504 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 242, 242) }
```

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

```
.background{ background-color: rgb(235,  
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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