

Converting Colors

CIELCh(95, 4.486, 189.522)

Have a look what the booklet for
CIELCh(95, 4.486, 189.522) contains.

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Color

CIELCh(95, 4.223, 192.288)

Conversions

Conversions Part 1

Format	Color
Hex	E7F3F2
RGB	231, 243, 242
RGB Percent	91%, 95%, 95%
CMY	0.0936, 0.0465, 0.0504
CMYK	0.05, 0.00, 0.00, 0.05
HSL	175°, 34%, 93%
HSV	175°, 5%, 95%
XYZ	81.1425, 87.6183, 96.7519
YIQ	239.2980, -6.8310, -2.8550

Conversions

Conversions Part 2

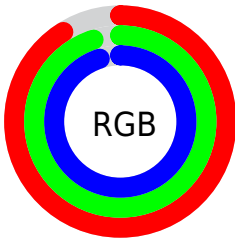
Format	Color
R _Y B	231, 237, 243
Decimal	15201266
CIE Lab	95.00, -4.13, -0.90
CIE LCh	95, 4.223, 192.288
Yxy	87.6183, 0.3056, 0.3300
Android (android.graphics.Color)	4293391346 (0xFFE7F3F2)
YUV	239.2980, 1.3321, -7.2773
Hunter-Lab	93.6047, -9.0730, 4.2398

Details

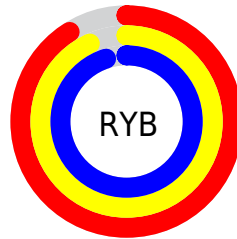
The CIELCh color **95, 4.223, 192.288** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **93, 4.340, 12.729**, and the grayscale version is **95, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **75, 4.425, 192.153** is the 20% darker color. If you saturate the color by 10%, you get **93, 12.522, 191.419**, and if you desaturate by 10%, it is **97, 4.245, 12.436**.

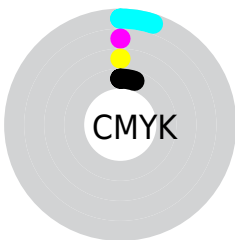
Distribution



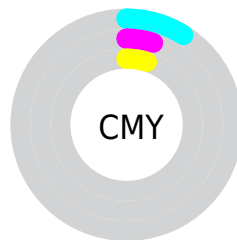
- Red (91%)
- Green (95%)
- Blue (95%)



- Red (91%)
- Yellow (93%)
- Blue (95%)



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



- Cyan (9%)
- Magenta (5%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 95, 4.223, 192.288 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, 4.223, 192.288 by changing the saturation by 10% instead.

95, 4.223, 192.288

95, 4.223, 192.288

100, 4.223,
192.288

85, 4.223, 192.288

75, 4.223, 192.288

65, 4.223, 192.288

55, 4.223, 192.288

45, 4.223, 192.288

35, 4.223, 192.288

25, 4.223, 192.288

15, 4.223, 192.288

5, 4.223, 192.288

95, 4.223, 192.288

95, 4.223, 192.288

93, 12.522,
191.419

97, 4.245, 12.436

92, 20.352,
190.651

97, 4.493, 359.209

91, 27.572,
189.888

97, 4.952, 347.909

89, 34.037,
189.118

97, 5.570, 338.829

97, 6.301, 331.723

89, 39.612,
188.332

97, 7.110, 326.178

97, 7.383, 324.657

88, 44.192,
187.517

87, 47.718,
186.658

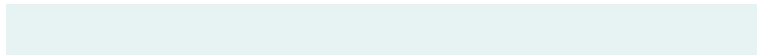
87, 50.195,
185.737

■ 87, 51.711,
184.739

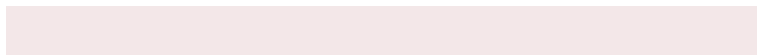
Harmonies

Complementary

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



95, 4.223, 192.288



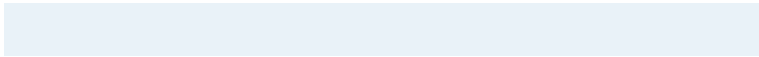
93, 4.340, 12.729

Rectangle

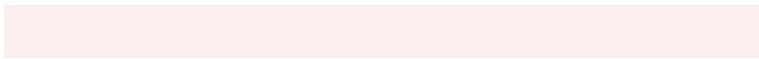
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



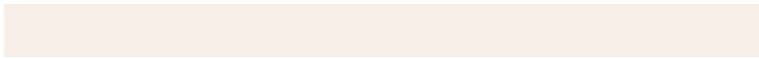
95, 4.223, 192.288



95, 4.223, 242.288



95, 4.223, 12.288



95, 4.223, 62.288

Sweetspot

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



95, 4.225, 192.263



100, 0.893, 193.133



95, 7.288, 141.503



53, 0.508, 193.175



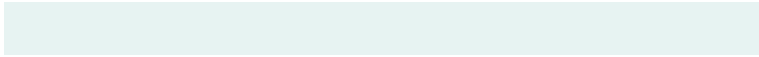
0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

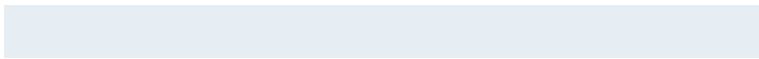
The Same Dimension uses a secret algorithm to generate beautiful new colors.



95, 4.225, 192.263



99, 5.326, 192.157



94, 3.495, 244.570



51, 3.413, 192.099



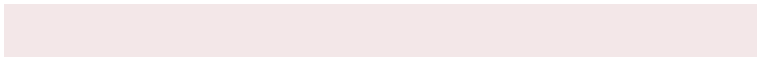
68, 42.680, 184.396



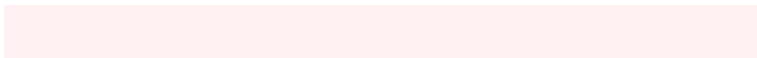
21, 18.756, 185.877

Inverse Universe

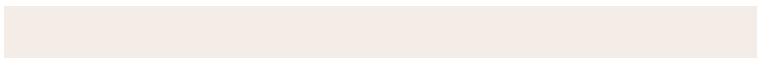
The Inverse Universe completely reimagines the original color for something new.



93, 4.340, 12.729



96, 5.502, 12.844



94, 3.553, 63.247



49, 3.537, 12.908



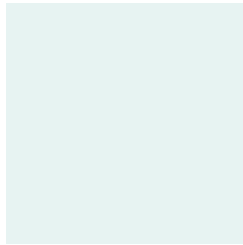
39, 79.051, 36.665



8, 30.524, 21.634

Previews

White Background



This preview shows how the CIELCh color 95, 4.223, 192.288 looks on a white background.

Color Contrast Check

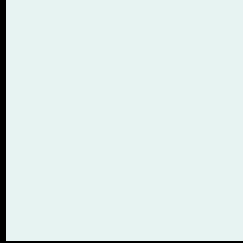
Large Text (above 18pt) WCAG AA × Fail

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, 4.223, 192.288 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

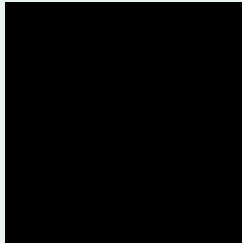
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

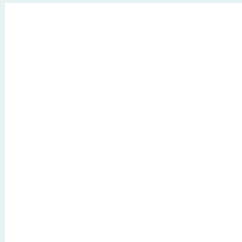
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 95, 4.223, 192.288

Background



This preview shows how black text looks on a background with the CIELCh color 95, 4.223, 192.288.

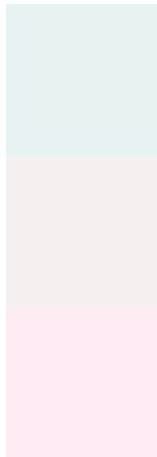


This preview shows how white text looks on a background with the CIELCh color 95, 4.223, 192.288.

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, 4.223, 192.288

Protanopia

95, 2.197, 5.766

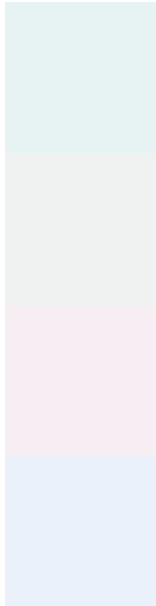
Deuteranopia

95, 8.239, 350.064



Tritanopia
95, 7.810, 280.681

Trichromacy



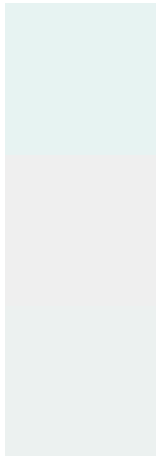
Original Color
95, 4.223, 192.288

Protanomaly
95, 0.351, 201.191

Deuteranomaly
95, 3.846, 337.613

Tritanomaly
95, 5.182, 262.784

Monochromacy



Original Color
95, 4.223, 192.288

Achromatopsia
94, 0.011, 296.813

Achromatomaly
95, 1.834, 183.386

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 95, 4.223, 192.288 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(231, 243, 242)` looks like.

```
.text, #text, p{  
    color:rgb(231, 243, 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(231, 243, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 243, 242) }
```

Border

The CSS property to change the border of an element to CIELCh 95, 4.223, 192.288 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(231, 243, 242) }
```

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

```
.border{ border-color:rgb(231, 243, 242) }
```

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

Here you see how a box with a 4 pixel rgb(231, 243, 242) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 243, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 243, 242);  
box-shadow:4px 4px 4px 4px rgb(231, 243,  
242) }
```

Background

The CSS property to change the background color of an element to CIELCh 95, 4.223, 192.288 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 243, 242) }
```

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

```
.background{ background-color: rgb(231,  
243, 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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