

Converting Colors

CIELCh(95, 2.723, 180.766)

Have a look what the booklet for
CIELCh(95, 2.723, 180.766) contains.

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Color

CIELCh(95, 2.512, 187.703)

Conversions

Conversions Part 1

Format	Color
Hex	EBF2F1
RGB	235, 242, 241
RGB Percent	92%, 95%, 95%
CMY	0.0779, 0.0505, 0.0544
CMYK	0.03, 0.00, 0.00, 0.05
HSL	171°, 21%, 94%
HSV	171°, 3%, 95%
XYZ	81.9855, 87.6183, 95.9059
YIQ	239.7930, -3.8510, -1.7950

Conversions

Conversions Part 2

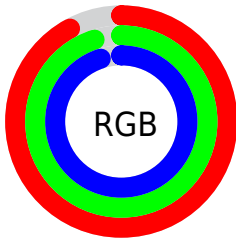
Format	Color
R _Y B	235, 239, 242
Decimal	15463153
CIE Lab	95.00, -2.49, -0.34
CIE LCh	95, 2.512, 187.703
Yxy	87.6183, 0.3088, 0.3300
Android (android.graphics.Color)	4293653233 (0xFFEBF2F1)
YUV	239.7930, 0.5951, -4.2035
Hunter-Lab	93.6047, -7.4655, 4.7756

Details

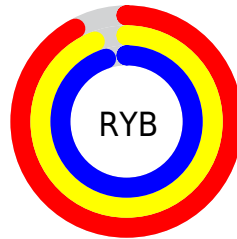
The CIELCh color **95, 2.512, 187.703** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **94, 2.553, 7.676**, and the grayscale version is **95, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **75, 2.637, 187.582** is the 20% darker color. If you saturate the color by 10%, you get **93, 11.038, 186.631**, and if you desaturate by 10%, it is **97, 4.749, 4.222**.

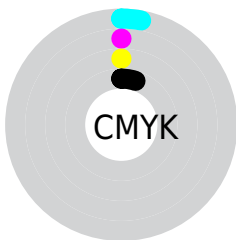
Distribution



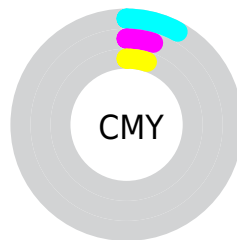
- Red (92%)
- Green (95%)
- Blue (95%)



- 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, 2.512, 187.703 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, 2.512, 187.703 by changing the saturation by 10% instead.

■ 95, 2.512, 187.703

■ 95, 2.512, 187.703

■ 100, 2.512,
187.703

■ 85, 2.512, 187.703

■ 75, 2.512, 187.703

■ 65, 2.512, 187.703

■ 55, 2.512, 187.703

■ 45, 2.512, 187.703

■ 35, 2.512, 187.703

■ 25, 2.512, 187.703

■ 15, 2.512, 187.703

■ 5, 2.512, 187.703

95, 2.512, 187.703

95, 2.512, 187.703

93, 11.038,
186.631

97, 4.749, 4.222

92, 19.185,
185.733

97, 5.492, 346.134

90, 26.814,
184.814

97, 6.640, 333.343

89, 33.777,
183.855

88, 39.929,
182.838

87, 45.148,
181.745

87, 49.354,
180.555

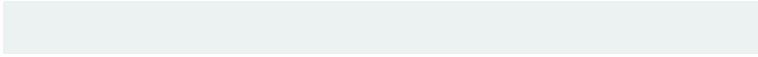
86, 52.528,
179.247

■ 86, 54.730,
177.803

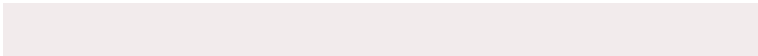
Harmonies

Complementary

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



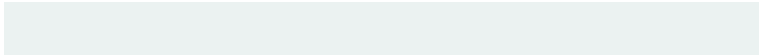
95, 2.512, 187.703



94, 2.553, 7.676

Rectangle

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



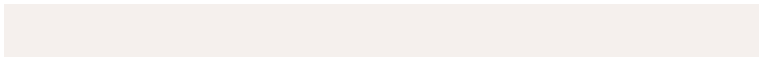
95, 2.512, 187.703



95, 2.512, 237.703



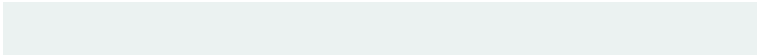
95, 2.512, 7.703



95, 2.512, 57.703

Sweetspot

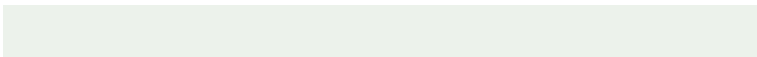
The Sweet Spot groups the original color and five complimentary colors.



95, 2.514, 187.664



100, 0.906, 188.277



95, 4.179, 140.211



53, 0.515, 188.317



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, 2.514, 187.664



99, 2.719, 187.645



94, 2.021, 238.293



50, 1.957, 187.533



67, 45.251, 176.999



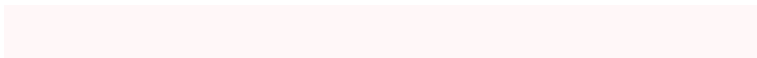
20, 19.288, 179.360

Inverse Universe

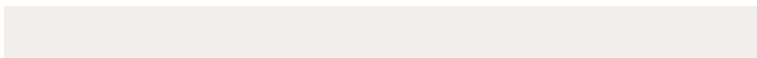
The Inverse Universe completely reimagines the original color for something new.



94, 2.553, 7.676



98, 2.763, 7.695



94, 2.037, 57.247



49, 1.995, 7.811



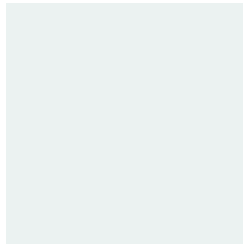
38, 75.370, 33.347



8, 29.182, 17.962

Previews

White Background



This preview shows how the CIE LCh color 95, 2.512, 187.703 looks on a white background.

Color Contrast Check

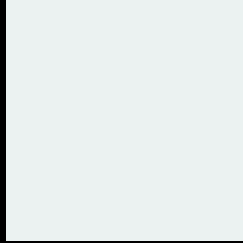
Large Text (above 18pt) WCAG AA × Fail

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, 2.512, 187.703 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

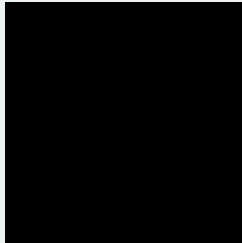
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

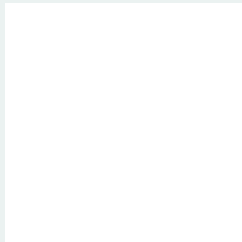
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 95, 2.512, 187.703

Background



This preview shows how black text looks on a background with the CIELCh color 95, 2.512, 187.703.

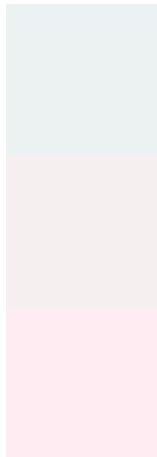


This preview shows how white text looks on a background with the CIELCh color 95, 2.512, 187.703.

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, 2.512, 187.703

Protanopia

95, 2.131, 19.252

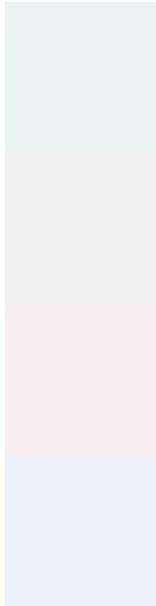
Deuteranopia

95, 7.455, 355.504



Tritanopia
95, 7.731, 285.690

Trichromacy



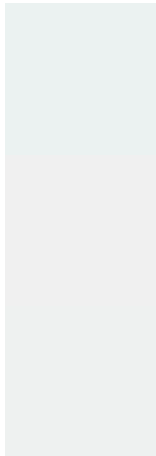
Original Color
95, 2.512, 187.703

Protanomaly
95, 0.355, 17.645

Deuteranomaly
95, 4.117, 349.648

Tritanomaly
95, 4.808, 273.829

Monochromacy



Original Color
95, 2.512, 187.703

Achromatopsia
95, 0.011, 296.813

Achromatomaly
95, 1.175, 174.035

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 95, 2.512, 187.703 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, 241)` looks like.

```
.text, #text, p{  
    color:rgb(235, 242, 241)  
}
```

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, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 242, 241) }
```

Border

The CSS property to change the border of an element to CIELCh 95, 2.512, 187.703 is called "border". The border property can be set on classes, ids or directly on the HTML element.

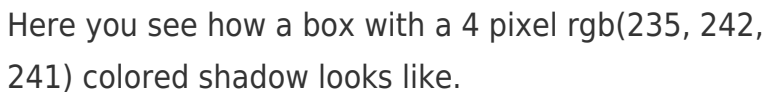
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(235, 242, 241) }
```

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

```
.border{ border-color:rgb(235, 242, 241) }
```

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, 241)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(235, 242, 241); -webkit-box-shadow:4px 4px 4px 4px rgb(235, 242, 241); box-shadow:4px 4px 4px 4px rgb(235, 242, 241) }
```

Background

The CSS property to change the background color of an element to CIELCh 95, 2.512, 187.703 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, 241) }
```

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

```
.background{ background-color: rgb(235,  
242, 241) }
```

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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