

Converting Colors

CIELCh(94, 2.558, 190.716)

Have a look what the booklet for
CIELCh(94, 2.558, 190.716) contains.

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Color

CIELCh(94, 2.455, 199.499)

Conversions

Conversions Part 1

Format	Color
Hex	E8EFEF
RGB	232, 239, 239
RGB Percent	91%, 94%, 94%
CMY	0.0895, 0.0620, 0.0620
CMYK	0.03, 0.00, 0.00, 0.06
HSL	180°, 18%, 92%
HSV	180°, 3%, 94%
XYZ	79.8671, 85.2715, 94.0549
YIQ	236.9070, -4.1720, -1.4840

Conversions

Conversions Part 2

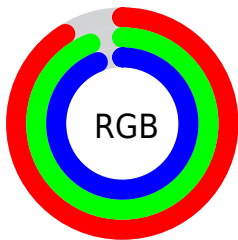
Format	Color
R _Y B	232, 236, 239
Decimal	15265775
CIE Lab	94.00, -2.31, -0.82
CIE LCh	94, 2.455, 199.499
Yxy	85.2715, 0.3081, 0.3290
Android (android.graphics.Color)	4293455855 (0xFFE8EFEF)
YUV	236.9070, 1.0318, -4.3034
Hunter-Lab	92.3426, -7.2149, 4.2504

Details

The CIELCh color **94, 2.455, 199.499** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **93, 2.504, 19.285**, and the grayscale version is **94, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **74, 2.576, 199.396** is the 20% darker color. If you saturate the color by 10%, you get **92, 10.581, 198.716**, and if you desaturate by 10%, it is **96, 5.654, 19.625**.

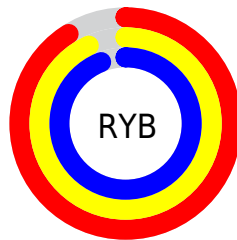
Distribution



Red (91%)

Green (94%)

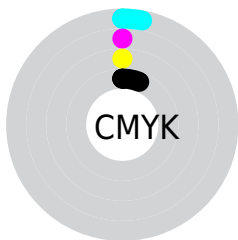
Blue (94%)



Red (91%)

Yellow (93%)

Blue (94%)

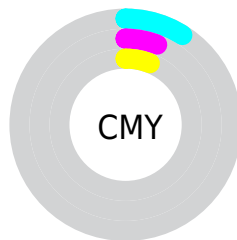


Cyan (3%)

Magenta (0%)

Yellow (0%)

Black (6%)



Cyan (9%)

Magenta (6%)

Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 94, 2.455, 199.499 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 94, 2.455, 199.499 by changing the saturation by 10% instead.

94, 2.455, 199.499

94, 2.455, 199.499

100, 2.455,
199.499

84, 2.455, 199.499

74, 2.455, 199.499

64, 2.455, 199.499

54, 2.455, 199.499

44, 2.455, 199.499

34, 2.455, 199.499

24, 2.455, 199.499

14, 2.455, 199.499

4, 2.455, 199.499

94, 2.455, 199.499

94, 2.455, 199.499

92, 10.581,
198.716

96, 5.654, 19.625

91, 18.191,
198.195

96, 5.654, 19.557

90, 25.150,
197.737

96, 5.654, 19.488

89, 31.321,
197.341

96, 5.654, 19.352

88, 36.580,
197.009

96, 5.654, 19.283

87, 40.833,
196.743

96, 5.654, 19.146

87, 44.029,
196.543

96, 5.654, 19.078

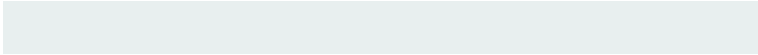
86, 46.177,
196.408

■ 86, 47.359,
196.330

Harmonies

Complementary

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



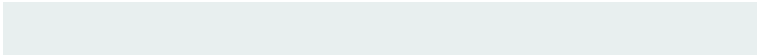
94, 2.455, 199.499



93, 2.504, 19.285

Rectangle

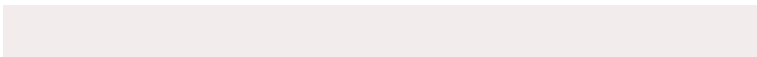
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



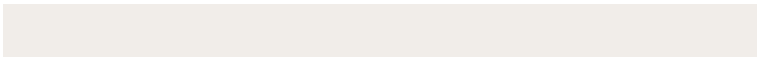
94, 2.455, 199.499



94, 2.455, 249.499



94, 2.455, 19.499



94, 2.455, 69.499

Sweetspot

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



94, 2.456, 199.452



100, 0.886, 200.051



94, 4.371, 143.905



53, 0.504, 200.092



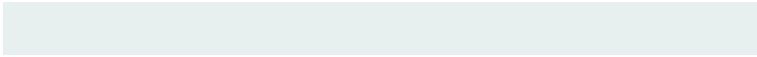
0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

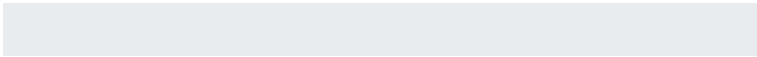
The Same Dimension uses a secret algorithm to generate beautiful new colors.



94, 2.456, 199.452



99, 3.526, 199.323



93, 2.149, 254.150



50, 2.378, 199.254



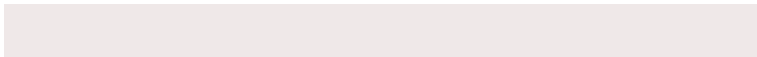
68, 39.172, 196.301



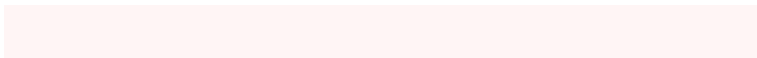
21, 17.099, 196.313

Inverse Universe

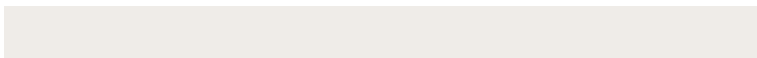
The Inverse Universe completely reimagines the original color for something new.



93, 2.504, 19.285



97, 3.617, 19.421



93, 2.150, 73.041



49, 2.450, 19.495



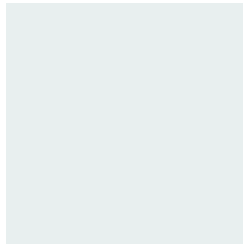
38, 81.677, 39.972



8, 29.833, 23.784

Previews

White Background



This preview shows how the CIELCh color 94, 2.455, 199.499 looks on a white background.

Color Contrast Check

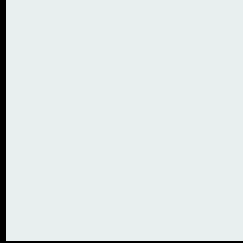
Large Text (above 18pt) WCAG AA × Fail

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 94, 2.455, 199.499 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

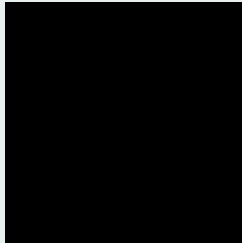
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

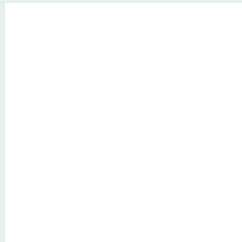
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 94, 2.455, 199.499

Background



This preview shows how black text looks on a background with the CIELCh color 94, 2.455, 199.499.

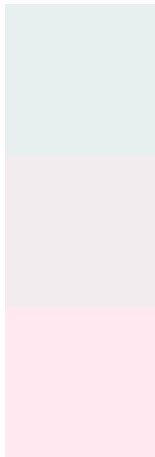


This preview shows how white text looks on a background with the CIELCh color 94, 2.455, 199.499.

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


94, 2.455, 199.499

Protanopia

94, 2.380, 353.693

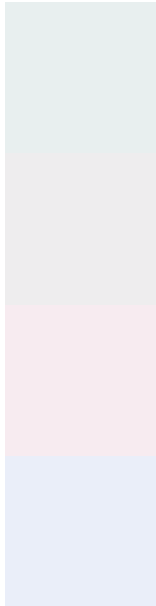
Deuteranopia

94, 9.209, 353.524



Tritanopia
94, 9.287, 286.684

Trichromacy



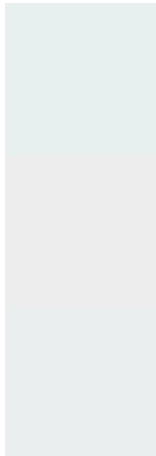
Original Color
94, 2.455, 199.499

Protanomaly
94, 0.638, 324.005

Deuteranomaly
94, 5.002, 348.728

Tritanomaly
94, 5.811, 276.878

Monochromacy



Original Color
94, 2.455, 199.499

Achromatopsia
94, 0.011, 296.813

Achromatomaly
94, 1.056, 199.930

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 94, 2.455, 199.499 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(232, 239, 239)` looks like.

```
.text, #text, p{  
    color:rgb(232, 239, 239)  
}
```

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(232, 239, 239) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 239, 239) }
```

Border

The CSS property to change the border of an element to CIELCh 94, 2.455, 199.499 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(232, 239, 239) }
```

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

```
.border{ border-color:rgb(232, 239, 239) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 239, 239)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 239, 239); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 239, 239);  
box-shadow:4px 4px 4px 4px rgb(232, 239,  
239) }
```

Background

The CSS property to change the background color of an element to CIELCh 94, 2.455, 199.499 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 239, 239) }
```

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

```
.background{ background-color: rgb(232,  
239, 239) }
```

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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