

Converting Colors

CIELCh(94, 0.763, 176.612)

Have a look what the booklet for
CIELCh(94, 0.763, 176.612) contains.

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Color

CIELCh(94, 0.704, 200.251)

Conversions

Conversions Part 1

Format	Color
Hex	ECEEEE
RGB	236, 238, 238
RGB Percent	93%, 93%, 93%
CMY	0.0739, 0.0661, 0.0661
CMYK	0.01, 0.00, 0.00, 0.07
HSL	180°, 6%, 93%
HSV	180°, 1%, 93%
XYZ	80.7098, 85.2715, 93.2045
YIQ	237.4020, -1.1920, -0.4240

Conversions

Conversions Part 2

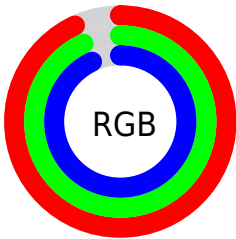
Format	Color
R_{YB}	236, 237, 238
Decimal	15527662
CIE Lab	94.00, -0.66, -0.24
CIE LCh	94, 0.704, 200.251
Yxy	85.2715, 0.3114, 0.3290
Android (android.graphics.Color)	4293717742 (0xFFECEEEE)
YUV	237.4020, 0.2948, -1.2296
Hunter-Lab	92.3426, -5.5859, 4.7964

Details

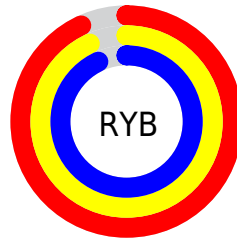
The CIELCh color $94, 0.704, 200.251$ is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be $94, 0.712, 18.410$, and the grayscale version is $94, 0.011, 296.813$.

A 20% lighter version of the original color is $100, 0.012, 296.813$, and $74, 0.740, 200.040$ is the 20% darker color. If you saturate the color by 10%, you get $92, 8.893, 198.712$, and if you desaturate by 10%, it is $95, 6.036, 19.497$.

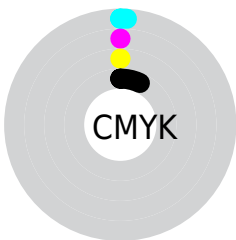
Distribution



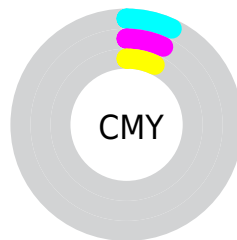
- Red (93%)
- Green (93%)
- Blue (93%)



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



- Cyan (1%)
- Magenta (0%)
- Yellow (0%)
- Black (7%)



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

Brightness & Saturation Gradients

These gradients show how the CIELCh color 94, 0.704, 200.251 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, 0.704, 200.251 by changing the saturation by 10% instead.

■ 94, 0.704, 200.251

■ 94, 0.704, 200.251

■ 100, 0.704,
200.251

■ 84, 0.704, 200.251

■ 74, 0.704, 200.251

■ 64, 0.704, 200.251

■ 54, 0.704, 200.251

■ 44, 0.704, 200.251

■ 34, 0.704, 200.251

■ 24, 0.704, 200.251

■ 14, 0.704, 200.251

■ 4, 0.704, 200.251

94, 0.704, 200.251

94, 0.704, 200.251

92, 8.893, 198.712

95, 6.036, 19.497

91, 16.597,
198.168

95, 6.036, 19.267

90, 23.682,
197.693

95, 6.036, 19.037

95, 6.036, 18.807

88, 30.012,
197.277

95, 6.037, 18.577

88, 35.458,
196.922

95, 6.037, 18.346

95, 6.037, 18.116

87, 39.919,
196.632

95, 6.038, 17.886

86, 43.333,
196.406

95, 6.038, 17.656

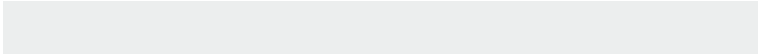
86, 45.696,
196.242

■ 86, 47.072,
196.136

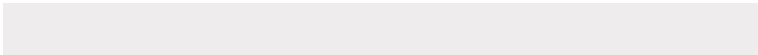
Harmonies

Complementary

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



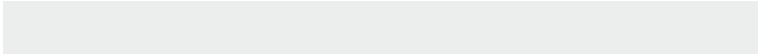
94, 0.704, 200.251



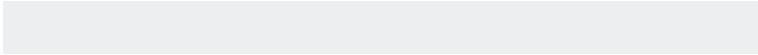
94, 0.712, 18.410

Rectangle

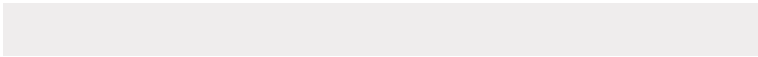
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



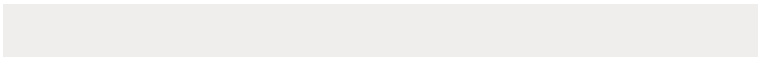
94, 0.704, 200.251



94, 0.704, 250.251



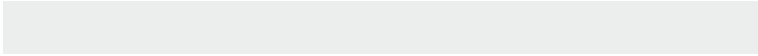
94, 0.704, 20.251



94, 0.704, 70.251

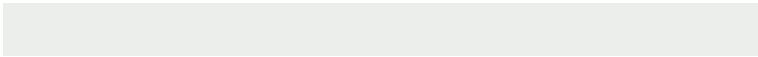
Sweetspot

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



94, 0.705, 200.083

100, 0.012, 296.813



94, 1.242, 144.187



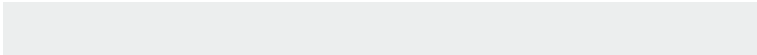
53, 0.007, 296.813



0, 0.000, 0.000

Same Dimension

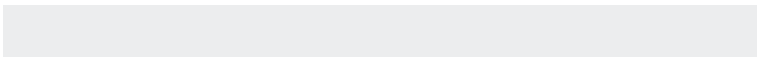
The Same Dimension uses a secret algorithm to generate beautiful new colors.



94, 0.705, 200.083



100, 0.886, 199.930



94, 0.622, 254.389



50, 0.479, 199.977



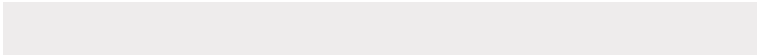
68, 39.212, 196.081



21, 17.114, 196.123

Inverse Universe

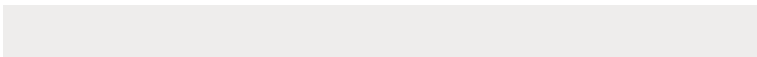
The Inverse Universe completely reimagines the original color for something new.



94, 0.712, 18.410



99, 0.895, 18.563



94, 0.607, 72.777



50, 0.483, 18.516



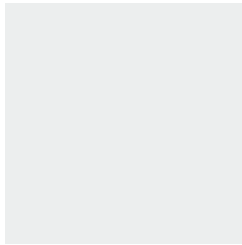
38, 81.610, 39.913



8, 29.825, 23.727

Previews

White Background



This preview shows how the CIE LCh color 94, 0.704, 200.251 looks on a white background.

Color Contrast Check

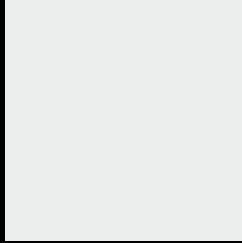
Large Text (above 18pt) WCAG AA × Fail

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, 0.704, 200.251 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

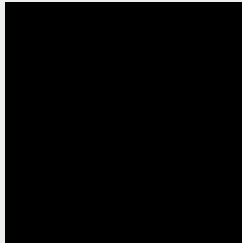
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

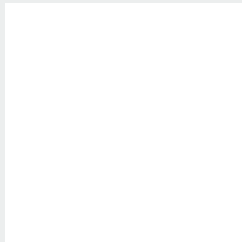
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 94, 0.704, 200.251

Background



This preview shows how black text looks on a background with the CIELCh color 94, 0.704, 200.251.

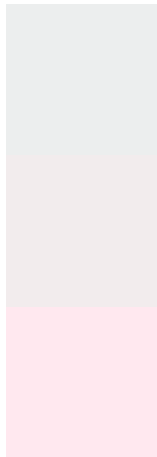


This preview shows how white text looks on a background with the CIELCh color 94, 0.704, 200.251.

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, 0.704, 200.251

Protanopia

94, 2.202, 5.772

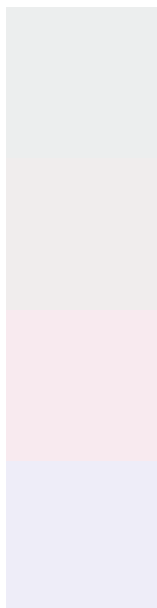
Deuteranopia

94, 8.999, 356.460



Tritanopia
94, 9.352, 297.239

Trichromacy



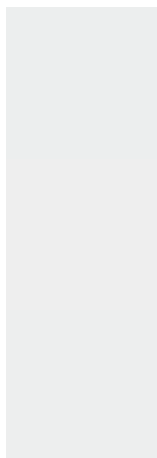
Original Color
94, 0.704, 200.251

Protanomaly
94, 1.065, 18.889

Deuteranomaly
94, 5.631, 352.548

Tritanomaly
94, 5.686, 294.133

Monochromacy



Original Color
94, 0.704, 200.251

Achromatopsia
94, 0.011, 296.813

Achromatomaly
94, 0.352, 201.170

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 94, 0.704, 200.251 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(236, 238, 238)` looks like.

```
.text, #text, p{  
    color:rgb(236, 238, 238)  
}
```

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(236, 238, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 238, 238) }
```

Border

The CSS property to change the border of an element to CIELCh 94, 0.704, 200.251 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(236, 238, 238) }
```

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

```
.border{ border-color:rgb(236, 238, 238) }
```

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

Here you see how a box with a 4 pixel `rgb(236, 238, 238)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 238, 238); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 238, 238);  
box-shadow:4px 4px 4px 4px rgb(236, 238,  
238) }
```

Background

The CSS property to change the background color of an element to CIELCh 94, 0.704, 200.251 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 238, 238) }
```

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

```
.background{ background-color: rgb(236,  
238, 238) }
```

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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