

Converting Colors

CIELCh(94, 0.248, 145.602)

Have a look what the booklet for
CIELCh(94, 0.248, 145.602) contains.

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Color

CIELCh(94, 0.618, 144.894)

Conversions

Conversions Part 1

Format	Color
Hex	EDEEED
RGB	237, 238, 237
RGB Percent	93%, 93%, 93%
CMY	0.0706, 0.0666, 0.0706
CMYK	0.00, 0.00, 0.00, 0.07
HSL	120°, 3%, 93%
HSV	120°, 0%, 93%
XYZ	80.7890, 85.2715, 92.3252
YIQ	237.5870, -0.2750, -0.5230

Conversions

Conversions Part 2

Format	Color
R _Y B	237, 238, 238
Decimal	15593197
CIE Lab	94.00, -0.51, 0.36
CIE LCh	94, 0.618, 144.894
Yxy	85.2715, 0.3127, 0.3300
Android (android.graphics.Color)	4293783277 (0xFFEDEEED)
YUV	237.5870, -0.2894, -0.5148
Hunter-Lab	92.3426, -5.4327, 5.3610

Details

The CIELCh color **94, 0.618, 144.894** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **94, 0.640, 324.009**, 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, 0.652, 144.780** is the 20% darker color. If you saturate the color by 10%, you get **92, 15.684, 143.840**, and if you desaturate by 10%, it is **96, 10.596, 324.781**.

Distribution



Red (93%)

Green (93%)

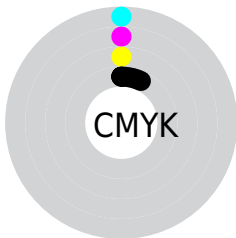
Blue (93%)



Red (93%)

Yellow (93%)

Blue (93%)

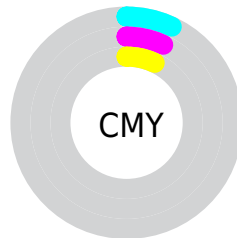


Cyan (0%)

Magenta (0%)

Yellow (0%)

Black (7%)



Cyan (7%)

Magenta (7%)

Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 94, 0.618, 144.894 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, 0.618, 144.894 by changing the saturation by 10% instead.

■ 94, 0.618, 144.894

■ 94, 0.618, 144.894

100, 0.618,
144.894

■ 84, 0.618, 144.894

■ 74, 0.618, 144.894

■ 64, 0.618, 144.894

■ 54, 0.618, 144.894

■ 44, 0.618, 144.894

■ 34, 0.618, 144.894

■ 24, 0.618, 144.894

■ 14, 0.618, 144.894

■ 4, 0.618, 144.894

94, 0.618, 144.894

94, 0.618, 144.894

92, 15.684,
143.840

96, 10.596,
324.781

90, 30.861,
143.123

88, 45.927,
142.292

86, 60.583,
141.338

85, 74.441,
140.270

84, 87.018,
139.131

83, 97.741,
138.005

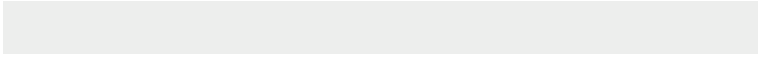
83, 105.989,
137.027

■ 83, 111.254,
136.347

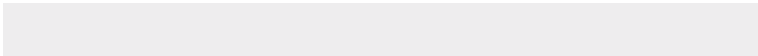
Harmonies

Complementary

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



94, 0.618, 144.894



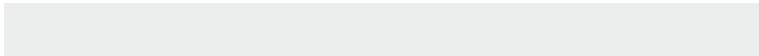
94, 0.640, 324.009

Rectangle

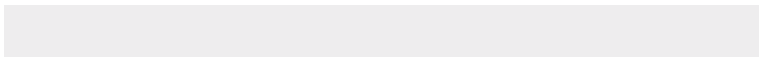
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



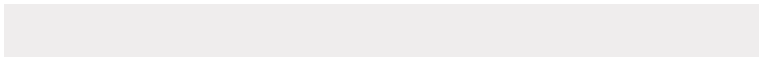
94, 0.618, 144.894



94, 0.618, 194.894



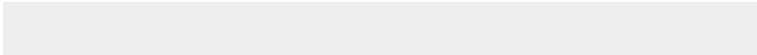
94, 0.618, 324.894



94, 0.618, 14.894

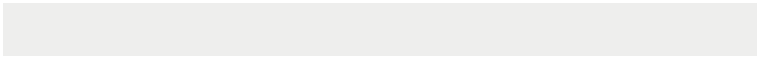
Sweetspot

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



94, 0.621, 144.895

100, 0.012, 296.813



94, 0.505, 109.993



53, 0.007, 296.813



0, 0.000, 0.000

Same Dimension

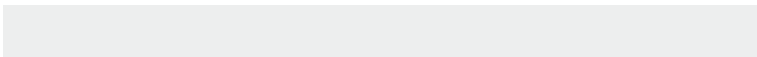
The Same Dimension uses a secret algorithm to generate beautiful new colors.



94, 0.621, 144.895



100, 1.571, 144.586



94, 0.434, 164.681



50, 0.849, 144.601



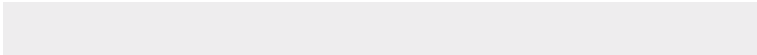
65, 93.586, 136.017



19, 39.679, 137.803

Inverse Universe

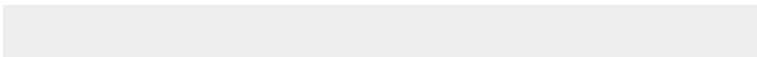
The Inverse Universe completely reimagines the original color for something new.



94, 0.640, 324.009



99, 1.591, 324.306



94, 0.449, 342.657



50, 0.860, 324.291



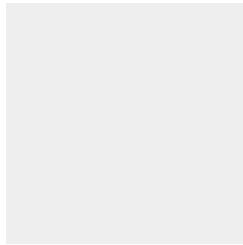
44, 90.290, 328.237



10, 39.416, 328.236

Previews

White Background



This preview shows how the CIELCh color 94, 0.618, 144.894 looks on a white background.

Color Contrast Check

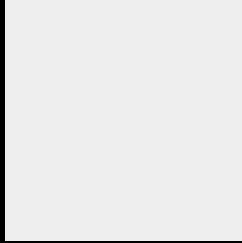
Large Text (above 18pt) WCAG AA × Fail

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, 0.618, 144.894 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

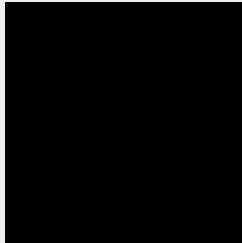
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

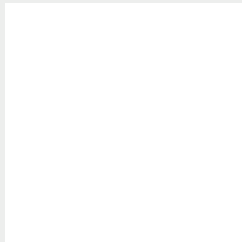
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 94, 0.618, 144.894

Background



This preview shows how black text looks on a background with the CIELCh color 94, 0.618, 144.894.

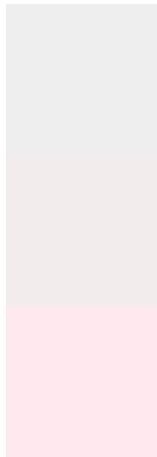


This preview shows how white text looks on a background with the CIELCh color 94, 0.618, 144.894.

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, 0.618, 144.894

Protanopia

94, 2.136, 19.258

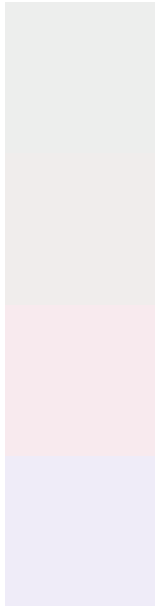
Deuteranopia

94, 8.815, 359.530



Tritanopia
94, 9.975, 300.878

Trichromacy



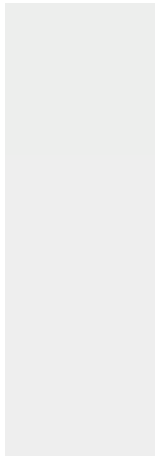
Original Color
94, 0.618, 144.894

Protanomaly
94, 1.174, 44.829

Deuteranomaly
94, 5.417, 357.384

Tritanomaly
94, 6.291, 300.211

Monochromacy



Original Color
94, 0.618, 144.894

Achromatopsia
94, 0.011, 296.813

Achromatomaly
94, 0.011, 296.813

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 94, 0.618, 144.894 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(237, 238, 237)` looks like.

```
.text, #text, p{  
    color:rgb(237, 238, 237)  
}
```

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(237, 238, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 238, 237) }
```

Border

The CSS property to change the border of an element to CIELCh 94, 0.618, 144.894 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(237, 238, 237) }
```

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

```
.border{ border-color:rgb(237, 238, 237) }
```

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

Here you see how a box with a 4 pixel `rgb(237, 238, 237)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 238, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 238, 237);  
box-shadow:4px 4px 4px 4px rgb(237, 238,  
237) }
```

Background

The CSS property to change the background color of an element to CIELCh 94, 0.618, 144.894 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 238, 237) }
```

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

```
.background{ background-color: rgb(237,  
238, 237) }
```

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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