

Converting Colors

CIELCh(94, 3.587, 153.626)

Have a look what the booklet for
CIELCh(94, 3.587, 153.626) contains.

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Color

CIELCh(94, 3.584, 153.627)

Conversions

Conversions Part 1

Format	Color
Hex	E9F0EB
RGB	233, 240, 235
RGB Percent	91%, 94%, 92%
CMY	0.0880, 0.0606, 0.0802
CMYK	0.03, 0.00, 0.02, 0.06
HSL	137°, 18%, 93%
HSV	137°, 3%, 94%
XYZ	79.4125, 85.2715, 90.5276
YIQ	237.3370, -2.5670, -3.0390

Conversions

Conversions Part 2

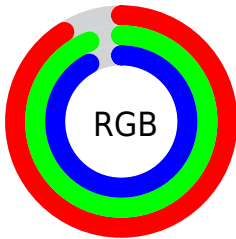
Format	Color
R _Y B	233, 238, 240
Decimal	15331563
CIE Lab	94.00, -3.21, 1.59
CIE LCh	94, 3.584, 153.627
Yxy	85.2715, 0.3112, 0.3341
Android (android.graphics.Color)	4293521643 (0xFFE9F0EB)
YUV	237.3370, -1.1521, -3.8035
Hunter-Lab	92.3426, -8.0936, 6.5152

Details

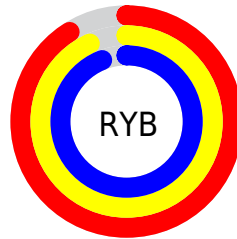
The CIELCh color **94, 3.584, 153.627** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **93, 3.608, 333.800**, and the grayscale version is **94, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **74, 3.771, 153.547** is the 20% darker color. If you saturate the color by 10%, you get **92, 15.973, 152.808**, and if you desaturate by 10%, it is **96, 8.285, 331.434**.

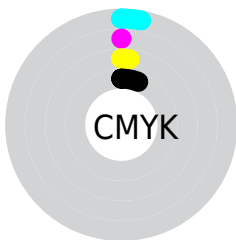
Distribution



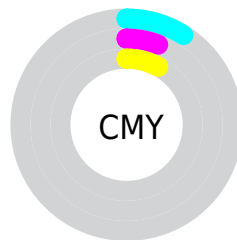
- Red (91%)
- Green (94%)
- Blue (92%)



- Red (91%)
- Yellow (93%)
- Blue (94%)



- Cyan (3%)
- Magenta (0%)
- Yellow (2%)
- Black (6%)



- Cyan (9%)
- Magenta (6%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 94, 3.584, 153.627 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, 3.584, 153.627 by changing the saturation by 10% instead.

■ 94, 3.584, 153.627

■ 94, 3.584, 153.627

■ 100, 3.584,
153.627

■ 84, 3.584, 153.627

■ 74, 3.584, 153.627

■ 64, 3.584, 153.627

■ 54, 3.584, 153.627

■ 44, 3.584, 153.627

■ 34, 3.584, 153.627

■ 24, 3.584, 153.627

■ 14, 3.584, 153.627

■ 4, 3.584, 153.627

94, 3.584, 153.627

94, 3.584, 153.627

92, 15.973,
152.808

96, 8.285, 331.434

90, 28.387,
151.958

96, 9.632, 324.744

88, 40.660,
150.985

87, 52.586,
149.865

86, 63.931,
148.575

85, 74.449,
147.102

84, 83.905,
145.444

84, 92.108,
143.626

■ 83, 98.930,
141.706

Harmonies

Complementary

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



94, 3.584, 153.627



93, 3.608, 333.800

Rectangle

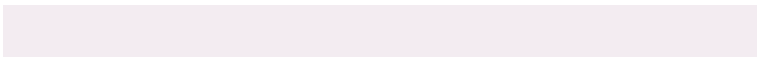
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



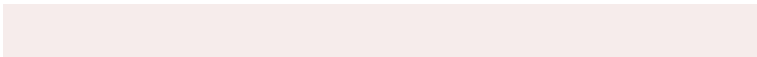
94, 3.584, 153.627



94, 3.584, 203.627



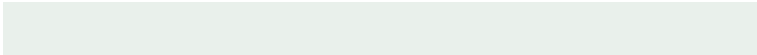
94, 3.584, 333.627



94, 3.584, 23.627

Sweetspot

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



94, 3.586, 153.621



100, 1.283, 153.956



94, 3.660, 121.017



53, 0.729, 153.976



0, 0.000, 0.000



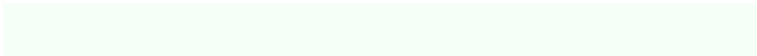
53, 0.007, 296.813

Same Dimension

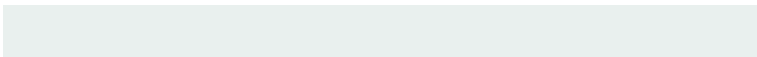
The Same Dimension uses a secret algorithm to generate beautiful new colors.



94, 3.586, 153.621



99, 5.171, 153.517



94, 2.590, 181.949



50, 3.496, 153.455



65, 83.668, 140.725



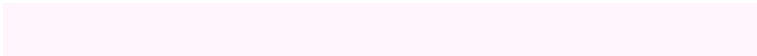
20, 33.854, 144.071

Inverse Universe

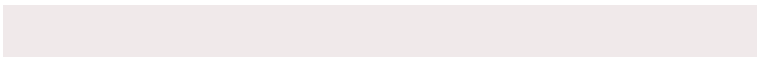
The Inverse Universe completely reimagines the original color for something new.



93, 3.608, 333.800



97, 5.197, 333.902



93, 2.626, 2.035



49, 3.512, 333.963



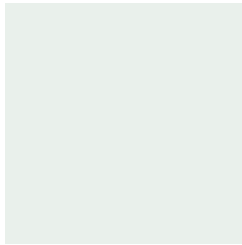
41, 72.807, 343.825



9, 32.653, 341.078

Previews

White Background



This preview shows how the CIE LCh color 94, 3.584, 153.627 looks on a white background.

Color Contrast Check

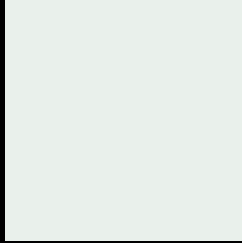
Large Text (above 18pt) WCAG AA × Fail

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, 3.584, 153.627 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

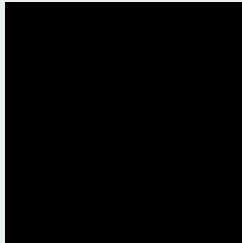
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

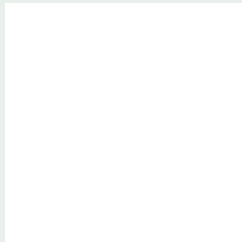
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 94, 3.584, 153.627

Background



This preview shows how black text looks on a background with the CIELCh color 94, 3.584, 153.627.

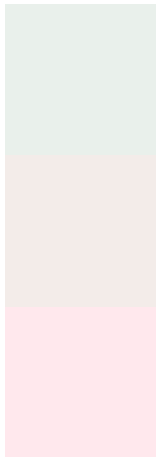


This preview shows how white text looks on a background with the CIELCh color 94, 3.584, 153.627.

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, 3.584, 153.627

Protanopia

94, 2.925, 51.086

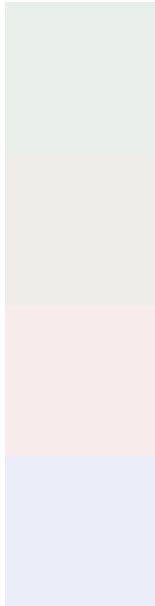
Deuteranopia

94, 8.657, 2.723



Tritanopia
94, 9.795, 290.948

Trichromacy



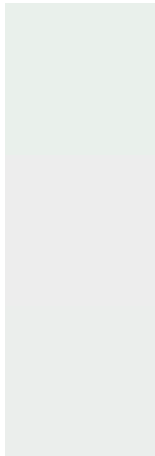
Original Color
94, 3.584, 153.627

Protanomaly
94, 1.682, 84.960

Deuteranomaly
94, 4.324, 12.744

Tritanomaly
94, 5.702, 283.657

Monochromacy



Original Color
94, 3.584, 153.627

Achromatopsia
94, 0.011, 296.813

Achromatomaly
94, 1.479, 155.847

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 94, 3.584, 153.627 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(233, 240, 235)` looks like.

```
.text, #text, p{  
    color:rgb(233, 240, 235)  
}
```

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(233, 240, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 240, 235) }
```

Border

The CSS property to change the border of an element to CIELCh 94, 3.584, 153.627 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(233, 240, 235) }
```

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

```
.border{ border-color:rgb(233, 240, 235) }
```

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

Here you see how a box with a 4 pixel `rgb(233, 240, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 240, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 240, 235);  
box-shadow:4px 4px 4px 4px rgb(233, 240,  
235) }
```

Background

The CSS property to change the background color of an element to CIELCh 94, 3.584, 153.627 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 240, 235) }
```

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

```
.background{ background-color: rgb(233,  
240, 235) }
```

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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