

Converting Colors

CIELCh(94, 1.731, 236.224)

Have a look what the booklet for
CIELCh(94, 1.731, 236.224) contains.

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Color

CIELCh(94, 1.733, 236.224)

Conversions

Conversions Part 1

Format	Color
Hex	EAEEF0
RGB	234, 238, 240
RGB Percent	92%, 93%, 94%
CMY	0.0807, 0.0650, 0.0572
CMYK	0.02, 0.01, 0.00, 0.06
HSL	200°, 17%, 93%
HSV	200°, 2%, 94%
XYZ	80.5550, 85.2715, 94.9779
YIQ	237.0320, -3.0260, -0.2260

Conversions

Conversions Part 2

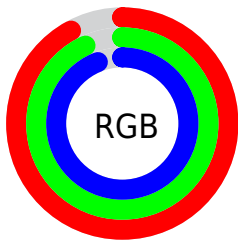
Format	Color
R _Y B	234, 236, 240
Decimal	15396592
CIE Lab	94.00, -0.96, -1.44
CIE LCh	94, 1.733, 236.224
Yxy	85.2715, 0.3089, 0.3270
Android (android.graphics.Color)	4293586672 (0xFFEAEEF0)
YUV	237.0320, 1.4632, -2.6591
Hunter-Lab	92.3426, -5.8852, 3.6578

Details

The CIELCh color `94, 1.733, 236.224` is a light color, and the websafe version is hex `FFFFFF`. A complement of this color would be `94, 1.744, 55.098`, 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, 1.818, 236.214` is the 20% darker color. If you saturate the color by 10%, you get `90, 8.500, 236.837`, and if you desaturate by 10%, it is `98, 4.304, 64.569`.

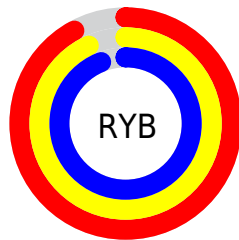
Distribution



Red (92%)

Green (93%)

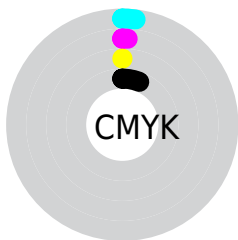
Blue (94%)



Red (92%)

Yellow (93%)

Blue (94%)

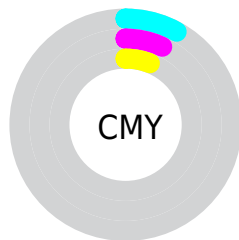


Cyan (2%)

Magenta (1%)

Yellow (0%)

Black (6%)



Cyan (8%)

Magenta (7%)

Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 94, 1.733, 236.224 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, 1.733, 236.224 by changing the saturation by 10% instead.

■ 94, 1.733, 236.224

■ 94, 1.733, 236.224

■ 100, 1.733,
236.224

■ 84, 1.733, 236.224

■ 74, 1.733, 236.224

■ 64, 1.733, 236.224

■ 54, 1.733, 236.224

■ 44, 1.733, 236.224

■ 34, 1.733, 236.224

■ 24, 1.733, 236.224

■ 14, 1.733, 236.224

■ 4, 1.733, 236.224

94, 1.733, 236.224

94, 1.733, 236.224

90, 8.500, 236.837

98, 4.304, 64.569

87, 14.974,
237.998

100, 7.090,
107.962

83, 21.083,
239.477

100, 7.380,
109.615

80, 26.754,
241.335

76, 31.921,
243.655

73, 36.545,
246.527

70, 40.631,
250.032

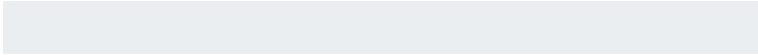
67, 44.251,
254.213

■ 65, 47.556,
259.035

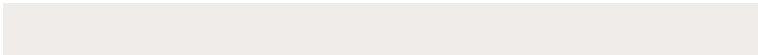
Harmonies

Complementary

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



94, 1.733, 236.224



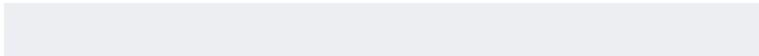
94, 1.744, 55.098

Rectangle

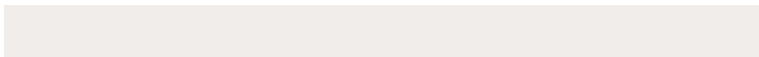
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



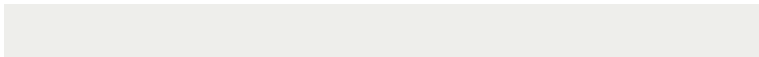
94, 1.733, 236.224



94, 1.733, 286.224



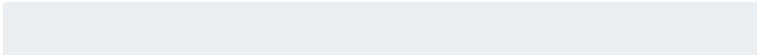
94, 1.733, 56.224



94, 1.733, 106.224

Sweetspot

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



94, 1.733, 236.143



100, 0.733, 236.493



94, 3.002, 154.927



53, 0.417, 236.530



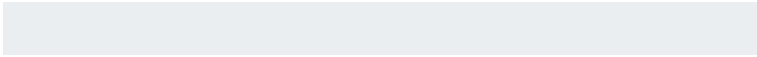
0, 0.000, 0.000



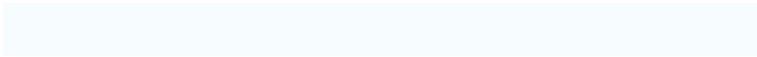
53, 0.007, 296.813

Same Dimension

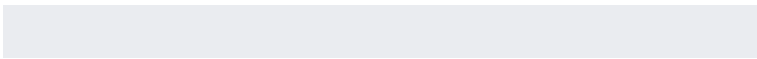
The Same Dimension uses a secret algorithm to generate beautiful new colors.



94, 1.733, 236.143



99, 2.181, 236.132



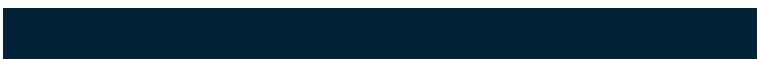
93, 2.560, 281.733



50, 1.569, 236.144



49, 40.426, 261.934



13, 16.358, 253.525

Inverse Universe

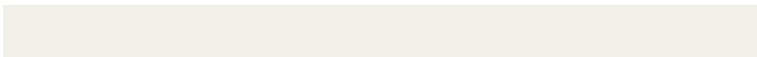
The Inverse Universe completely reimagines the original color for something new.



93, 2.988, 335.678



98, 3.765, 335.737



95, 2.532, 101.042



49, 2.714, 335.815



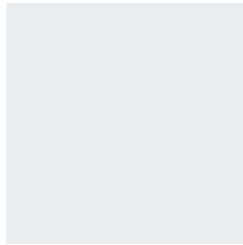
41, 70.706, 347.353



9, 31.764, 343.889

Previews

White Background



This preview shows how the CIELCh color 94, 1.733, 236.224 looks on a white background.

Color Contrast Check

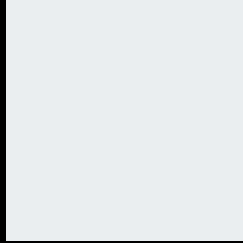
Large Text (above 18pt) WCAG AA × Fail

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, 1.733, 236.224 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

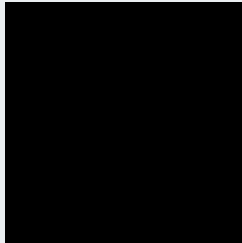
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

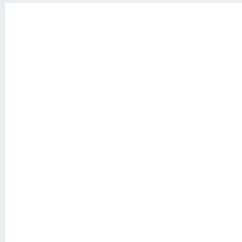
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 94, 1.733, 236.224

Background



This preview shows how black text looks on a background with the CIELCh color 94, 1.733, 236.224.

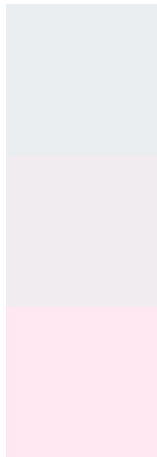


This preview shows how white text looks on a background with the CIELCh color 94, 1.733, 236.224.

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, 1.733, 236.224

Protanopia

94, 2.370, 338.607

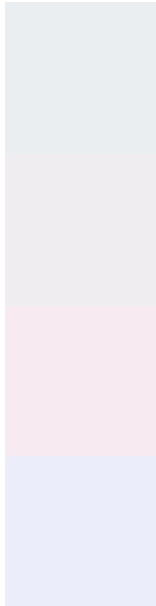
Deuteranopia

94, 9.443, 350.728



Tritanopia
94, 9.806, 292.949

Trichromacy



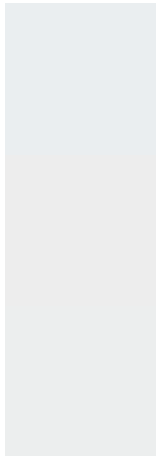
Original Color
94, 1.733, 236.224

Protanomaly
94, 1.716, 314.607

Deuteranomaly
94, 6.167, 344.042

Tritanomaly
94, 6.704, 287.758

Monochromacy



Original Color
94, 1.733, 236.224

Achromatopsia
94, 0.011, 296.813

Achromatomaly
94, 0.704, 200.251

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 94, 1.733, 236.224 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(234, 238, 240)` looks like.

```
.text, #text, p{  
    color:rgb(234, 238, 240)  
}
```

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(234, 238, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 238, 240) }
```

Border

The CSS property to change the border of an element to CIELCh 94, 1.733, 236.224 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(234, 238, 240) }
```

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

```
.border{ border-color:rgb(234, 238, 240) }
```

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

Here you see how a box with a 4 pixel `rgb(234, 238, 240)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 238, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 238, 240);  
box-shadow:4px 4px 4px 4px rgb(234, 238,  
240) }
```

Background

The CSS property to change the background color of an element to CIELCh 94, 1.733, 236.224 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 238, 240) }
```

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

```
.background{ background-color: rgb(234,  
238, 240) }
```

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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