

Converting Colors

CIE LCh(94, 7.263, 296.217)

Have a look what the booklet for
CIELCh(94, 7.263, 296.217) contains.

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Color

CIELCh(94, 7.263, 296.217)

Conversions

Conversions Part 1

Format	Color
Hex	EEEECF
RGB	238, 236, 250
RGB Percent	93%, 93%, 98%
CMY	0.0657, 0.0735, 0.0186
CMYK	0.05, 0.06, 0.00, 0.02
HSL	249°, 60%, 95%
HSV	249°, 6%, 98%
XYZ	82.7046, 85.2715, 102.7483
YIQ	238.1940, -3.3020, 4.7780

Conversions

Conversions Part 2

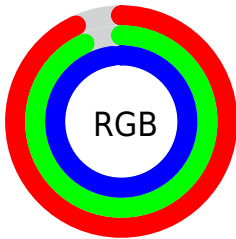
Format	Color
R_{YB}	238, 236, 250
Decimal	15658234
CIE Lab	94.00, 3.21, -6.52
CIE LCh	94, 7.263, 296.217
Yxy	85.2715, 0.3055, 0.3150
Android (android.graphics.Color)	4293848314 (0xFFEEECFA)
YUV	238.1940, 5.8204, -0.1701
Hunter-Lab	92.3426, -1.7299, -1.3313

Details

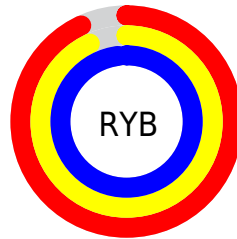
The CIELCh color `94, 7.263, 296.217` is a light color, and the websafe version is hex `FFFFFF`. A complement of this color would be `98, 7.155, 115.350`, and the grayscale version is `94, 0.011, 296.813`.

A 20% lighter version of the original color is `100, 0.012, 296.813`, and `74, 7.638, 296.341` is the 20% darker color. If you saturate the color by 10%, you get `86, 20.628, 297.085`, and if you desaturate by 10%, it is `100, 2.397, 109.967`.

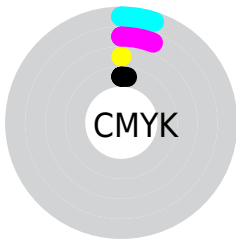
Distribution



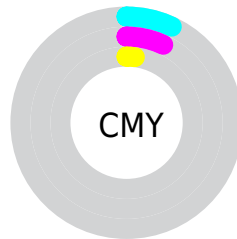
- Red (93%)
- Green (93%)
- Blue (98%)



- Red (93%)
- Yellow (93%)
- Blue (98%)



- Cyan (5%)
- Magenta (6%)
- Yellow (0%)
- Black (2%)



- Cyan (7%)
- Magenta (7%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 94, 7.263, 296.217 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, 7.263, 296.217 by changing the saturation by 10% instead.

■ 94, 7.263, 296.217

■ 94, 7.263, 296.217

100, 7.263,
296.217

■ 84, 7.263, 296.217

■ 74, 7.263, 296.217

■ 64, 7.263, 296.217

■ 54, 7.263, 296.217

■ 44, 7.263, 296.217

■ 34, 7.263, 296.217

■ 24, 7.263, 296.217

■ 14, 7.263, 296.217

■ 4, 7.263, 296.217

94, 7.263, 296.217

94, 7.263, 296.217

86, 20.628,
297.085

100, 2.397,
109.967

78, 34.540,
298.104

70, 49.011,
299.278

63, 64.003,
300.608

55, 79.367,
302.069

48, 94.702,
303.589

42, 109.138,
305.020

37, 121.138,
306.127

■ 33,128.813,
306.650

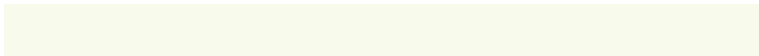
Harmonies

Complementary

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



94, 7.263, 296.217



98, 7.155, 115.350

Rectangle

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



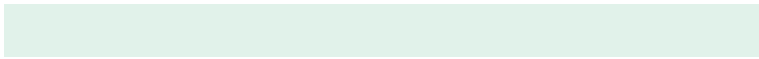
94, 7.263, 296.217



94, 7.263, 346.217



94, 7.263, 116.217



94, 7.263, 166.217

Sweetspot

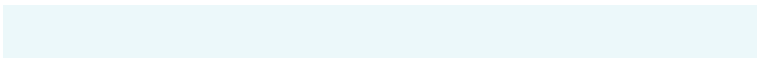
The Sweet Spot groups the original color and five complimentary colors.



94, 7.261, 296.208



98, 2.625, 295.928



97, 4.285, 212.182



52, 1.492, 295.920



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, 7.261, 296.208



94, 9.248, 296.324



95, 7.881, 313.794



49, 5.917, 296.373



23, 105.779, 306.834



4, 42.420, 303.813

Inverse Universe

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



95, 7.934, 328.894



96, 10.090, 328.988



97, 7.821, 133.377



50, 6.451, 329.026



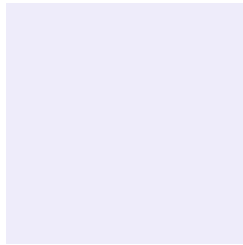
43, 82.412, 334.874



11, 37.810, 333.920

Previews

White Background



This preview shows how the CIELCh color 94, 7.263, 296.217 looks on a white background.

Color Contrast Check

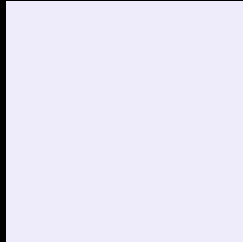
Large Text (above 18pt) WCAG AA × Fail

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, 7.263, 296.217 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

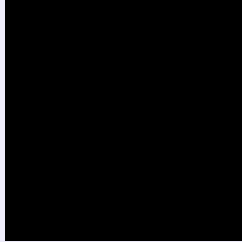
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

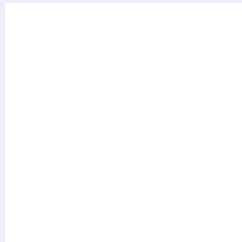
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 94, 7.263, 296.217

Background



This preview shows how black text looks on a background with the CIELCh color 94, 7.263, 296.217.



This preview shows how white text looks on a background with the CIELCh color 94, 7.263, 296.217.

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, 7.263, 296.217

Protanopia

94, 7.263, 296.217

Deuteranopia

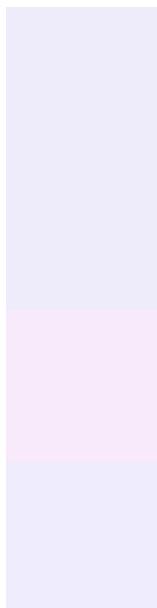
94, 13.141, 328.726



Tritanopia

94, 9.352, 297.239

Trichromacy



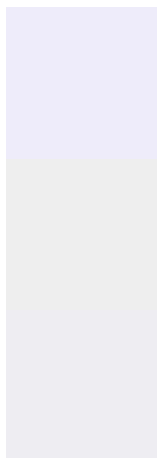
Original Color
94, 7.263, 296.217

Protanomaly
94, 7.263, 296.217

Deuteranomaly
94, 10.707, 320.102

Tritanomaly
94, 8.840, 297.580

Monochromacy



Original Color
94, 7.263, 296.217

Achromatopsia
94, 0.011, 296.813

Achromatomaly
94, 2.612, 298.129

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 94, 7.263, 296.217 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(238, 236, 250)` looks like.

```
.text, #text, p{  
    color:rgb(238, 236, 250)  
}
```

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(238, 236, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 236, 250) }
```

Border

The CSS property to change the border of an element to CIELCh 94, 7.263, 296.217 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(238, 236, 250) }
```

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

```
.border{ border-color:rgb(238, 236, 250) }
```

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

Here you see how a box with a 4 pixel `rgb(238, 236, 250)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 236, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 236, 250);  
box-shadow:4px 4px 4px 4px rgb(238, 236,  
250) }
```

Background

The CSS property to change the background color of an element to CIELCh 94, 7.263, 296.217 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 236, 250) }
```

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

```
.background{ background-color: rgb(238,  
236, 250) }
```

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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