

Converting Colors

CIELCh(94, 9.022, 7.083)

Have a look what the booklet for
CIELCh(94, 9.022, 7.083) contains.

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Color

CIELCh(94, 8.528, 6.024)

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | FFE8EC |
| RGB | 255, 232, 236 |
| RGB Percent | 100%, 91%, 93% |
| CMY | 0.0000, 0.0890, 0.0733 |
| CMYK | 0.00, 0.09, 0.07, 0.00 |
| HSL | 349°, 100%, 96% |
| HSV | 349°, 9%, 100% |
| XYZ | 85.4754, 85.2715, 91.5380 |
| YIQ | 239.3330, 12.4240, 6.1200 |

Conversions

Conversions Part 2

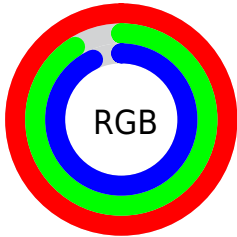
| Format | Color |
|-------------------------------------|--|
| RYB | 255, 232, 236 |
| Decimal | 16771308 |
| CIELab | 94.00, 8.48, 0.89 |
| CIELCh | 94, 8.528, 6.024 |
| Yxy | 85.2715, 0.3259, 0.3251 |
| Android (android.graphics.Color) | 4294961388 (0xFFFFE8EC) |
| YUV | 239.3330, -1.6432, 13.7400 |
| Hunter-Lab | 92.3426, 3.6261, 5.8664 |

Details

The CIELCh color **94, 8.528, 6.024** is a light color, and the websafe version is hex FFFFFF. A complement of this color would be **98, 8.104, 184.387**, and the grayscale version is **95, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **74, 8.622, 5.625** is the 20% darker color. If you saturate the color by 10%, you get **87, 18.376, 6.970**, and if you desaturate by 10%, it is **100, 0.012, 296.813**.

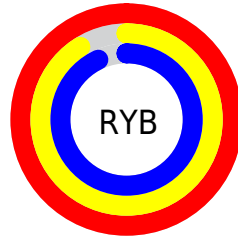
Distribution



Red (100%)

Green (91%)

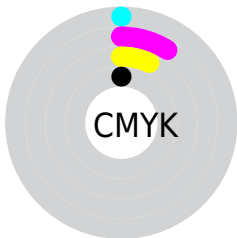
Blue (93%)



Red (100%)

Yellow (91%)

Blue (93%)

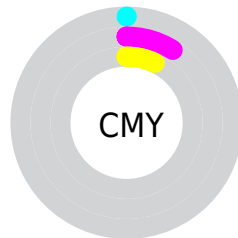


Cyan (0%)

Magenta (9%)

Yellow (7%)

Black (0%)



Cyan (0%)

Magenta (9%)

Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 94, 8.528, 6.024 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, 8.528, 6.024 by changing the saturation by 10% instead.

 94, 8.528, 6.024

 94, 8.528, 6.024

 100, 8.528, 6.024

 84, 8.528, 6.024

 74, 8.528, 6.024

 64, 8.528, 6.024

 54, 8.528, 6.024

 44, 8.528, 6.024

 34, 8.528, 6.024

 24, 8.528, 6.024

 14, 8.528, 6.024

 4, 8.528, 6.024

94, 8.528, 6.024

94, 8.528, 6.024

87, 18.376, 6.970

100, 0.012,
296.813

81, 28.814, 8.288

75, 39.602, 9.897

69, 50.507, 11.903

64, 61.183, 14.441

60, 71.213, 17.666

57, 80.224, 21.705

55, 88.036, 26.543

54, 94.730, 31.777

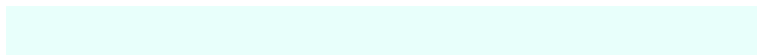
Harmonies

Complementary

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



94, 8.528, 6.024



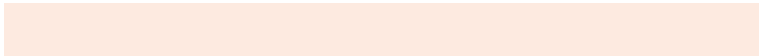
98, 8.104, 184.387

Rectangle

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



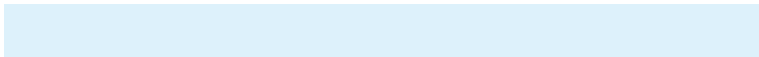
94, 8.528, 6.024



94, 8.528, 56.024



94, 8.528, 186.024



94, 8.528, 236.024

Sweetspot

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



94, 8.418, 5.845



98, 2.792, 5.138



94, 13.416, 319.690



52, 2.121, 5.258



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

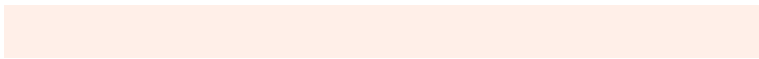
The Same Dimension uses a secret algorithm to generate beautiful new colors.



94, 8.418, 5.845



93, 10.465, 6.072



96, 6.688, 52.891



50, 5.386, 5.910



40, 76.144, 31.331



10, 32.126, 19.882

Inverse Universe

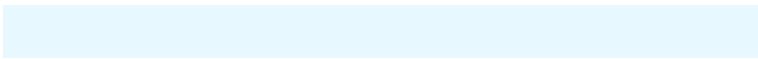
The Inverse Universe completely reimagines the original color for something new.



94, 8.418, 5.845



93, 10.465, 6.072



97, 6.387, 234.453



50, 5.386, 5.910



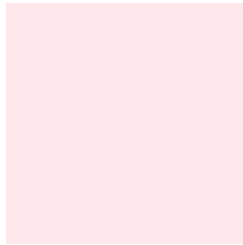
40, 76.144, 31.331



10, 32.126, 19.882

Previews

White Background



This preview shows how the CIELCh color 94, 8.528, 6.024 looks on a white background.

Color Contrast Check

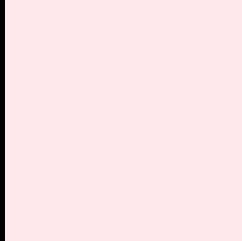
Large Text (above 18pt) WCAG AA × Fail

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, 8.528, 6.024 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

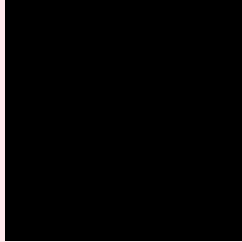
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

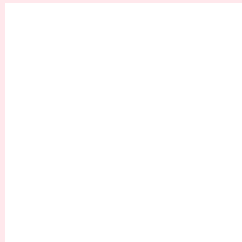
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 94, 8.528, 6.024

Background



This preview shows how black text looks on a background with the CIELCh color 94, 8.528, 6.024.

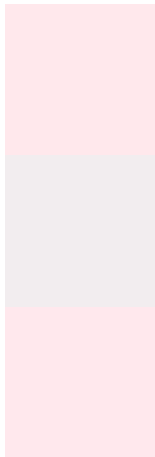


This preview shows how white text looks on a background with the CIELCh color 94, 8.528, 6.024.

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, 8.528, 6.024

Protanopia

94, 2.064, 349.351

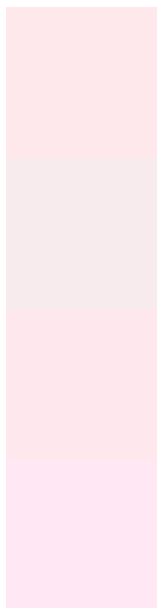
Deuteranopia

94, 8.657, 2.723



Tritanopia
94, 11.865, 336.301

Trichromacy



Original Color

94, 8.528, 6.024

Protanomaly

94, 4.560, 359.844

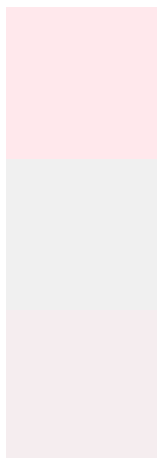
Deuteranomaly

94, 8.657, 2.723

Tritanomaly

94, 10.565, 344.400

Monochromacy



Original Color

94, 8.528, 6.024

Achromatopsia

95, 0.011, 296.813

Achromatomaly

94, 3.035, 359.630

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 94, 8.528, 6.024 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(255, 232, 236)` looks like.

```
.text, #text, p{  
    color:rgb(255, 232, 236)  
}
```

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(255, 232, 236) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 232, 236) }
```

Border

The CSS property to change the border of an element to CIELCh 94, 8.528, 6.024 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(255, 232, 236) }
```

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

```
.border{ border-color:rgb(255, 232, 236) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 232, 236)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 232, 236); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 232, 236);  
box-shadow:4px 4px 4px 4px rgb(255, 232,  
236) }
```

Background

The CSS property to change the background color of an element to CIELCh 94, 8.528, 6.024 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 232, 236) }
```

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

```
.background{ background-color: rgb(255,  
232, 236) }
```

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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