

Converting Colors

CIELCh(97, 2.523, 4.003)

Have a look what the booklet for
CIELCh(97, 2.523, 4.003) contains.

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Color

CIELCh(97, 2.532, 7.695)

Conversions

Conversions Part 1

Format	Color
Hex	FCF5F6
RGB	252, 245, 246
RGB Percent	99%, 96%, 96%
CMY	0.0127, 0.0402, 0.0363
CMYK	0.00, 0.03, 0.02, 0.01
HSL	351°, 52%, 97%
HSV	351°, 3%, 99%
XYZ	89.2266, 92.4403, 100.1272
YIQ	247.2070, 3.8510, 1.7950

Conversions

Conversions Part 2

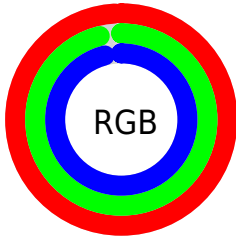
Format	Color
R _Y B	252, 245, 246
Decimal	16578038
CIE Lab	97.00, 2.51, 0.34
CIE LCh	97, 2.532, 7.695
Yxy	92.4403, 0.3166, 0.3280
Android (android.graphics.Color)	4294768118 (0xFFFCF5F6)
YUV	247.2070, -0.5951, 4.2035
Hunter-Lab	96.1459, -2.6012, 5.5569

Details

The CIELCh color **97, 2.532, 7.695** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **98, 2.492, 187.762**, and the grayscale version is **97, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **77, 2.296, 5.872** is the 20% darker color. If you saturate the color by 10%, you get **90, 11.987, 8.877**, and if you desaturate by 10%, it is **100, 1.129, 199.921**.

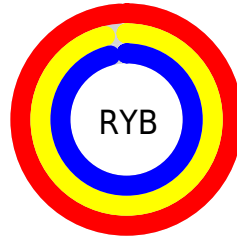
Distribution



Red (99%)

Green (96%)

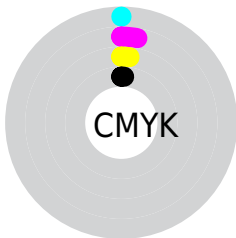
Blue (96%)



Red (99%)

Yellow (96%)

Blue (96%)

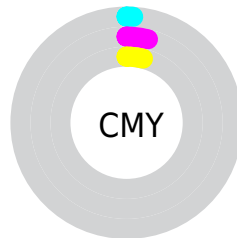


Cyan (0%)

Magenta (3%)

Yellow (2%)

Black (1%)



Cyan (1%)

Magenta (4%)

Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 97, 2.532, 7.695 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 97, 2.532, 7.695 by changing the saturation by 10% instead.

97, 2.532, 7.695

97, 2.532, 7.695

100, 2.532, 7.695

87, 2.532, 7.695

77, 2.532, 7.695

67, 2.532, 7.695

57, 2.532, 7.695

47, 2.532, 7.695

37, 2.532, 7.695

27, 2.532, 7.695

17, 2.532, 7.695

7, 2.532, 7.695

97, 2.532, 7.695

97, 2.532, 7.695

90, 11.987, 8.877

100, 1.129,
199.921

84, 22.002, 10.038

78, 32.508, 11.441

72, 43.356, 13.182

66, 54.290, 15.380

62, 64.952, 18.177

58, 74.941, 21.712

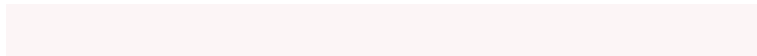
55, 83.934, 26.039

53, 91.750, 30.958

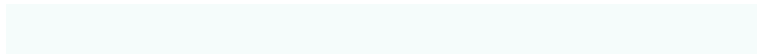
Harmonies

Complementary

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



97, 2.532, 7.695



98, 2.492, 187.762

Rectangle

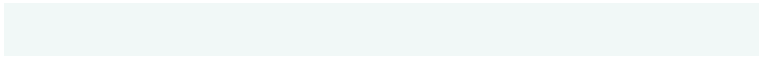
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



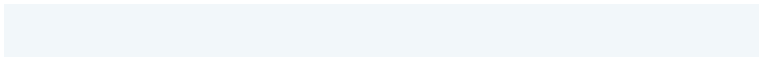
97, 2.532, 7.695



97, 2.532, 57.695



97, 2.532, 187.695



97, 2.532, 237.695

Sweetspot

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



97, 2.530, 7.736



99, 0.918, 7.143



97, 4.167, 320.350



53, 0.522, 7.103



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



97, 2.530, 7.736



98, 2.762, 7.774



98, 2.019, 57.245



51, 2.064, 7.892



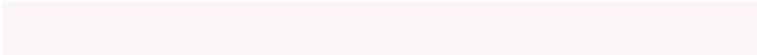
39, 77.055, 33.512



9, 31.280, 20.319

Inverse Universe

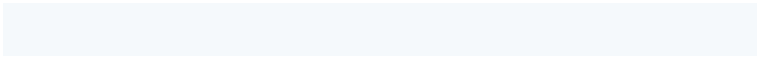
The Inverse Universe completely reimagines the original color for something new.



97, 2.530, 7.736



98, 2.762, 7.774



98, 2.004, 238.294



51, 2.064, 7.892



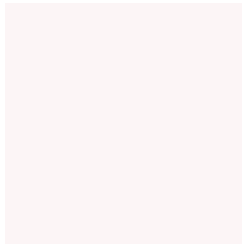
39, 77.055, 33.512



9, 31.280, 20.319

Previews

White Background



This preview shows how the CIELCh color 97, 2.532, 7.695 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 97, 2.532, 7.695 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

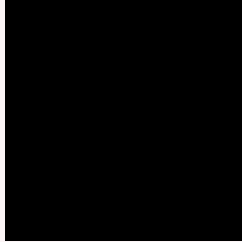
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

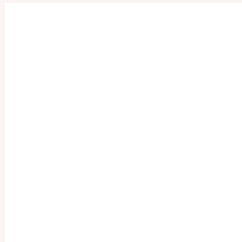
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 97, 2.532, 7.695

Background



This preview shows how black text looks on a background with the CIELCh color 97, 2.532, 7.695.



This preview shows how white text looks on a background with the CIELCh color 97, 2.532, 7.695.

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


97, 2.532, 7.695

Protanopia

97, 2.186, 5.755

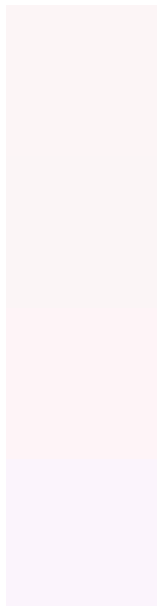
Deuteranopia

97, 4.195, 358.142



Tritanopia
97, 6.168, 313.832

Trichromacy



Original Color

97, 2.532, 7.695

Protanomaly

97, 2.186, 5.755

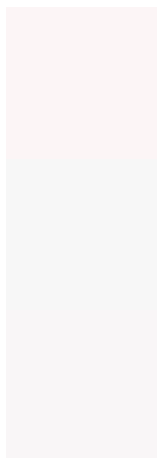
Deuteranomaly

97, 3.867, 356.178

Tritanomaly

97, 4.801, 321.099

Monochromacy



Original Color

97, 2.532, 7.695

Achromatopsia

97, 0.011, 296.813

Achromatomaly

97, 1.184, 353.338

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 97, 2.532, 7.695 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(252, 245, 246)` looks like.

```
.text, #text, p{  
    color:rgb(252, 245, 246)  
}
```

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(252, 245, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 245, 246) }
```

Border

The CSS property to change the border of an element to CIELCh 97, 2.532, 7.695 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(252, 245, 246) }
```

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

```
.border{ border-color:rgb(252, 245, 246) }
```

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

Here you see how a box with a 4 pixel `rgb(252, 245, 246)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 245, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 245, 246);  
box-shadow:4px 4px 4px 4px rgb(252, 245,  
246) }
```

Background

The CSS property to change the background color of an element to CIELCh 97, 2.532, 7.695 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 245, 246) }
```

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

```
.background{ background-color: rgb(252,  
245, 246) }
```

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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