

Converting Colors

CIELCh(95, 8.734, 31.464)

Have a look what the booklet for
CIELCh(95, 8.734, 31.464) contains.

CIELCh(95, 7.163, 36.345)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(95, 7.163, 36.345)

Conversions

Conversions Part 1

Format	Color
Hex	FFEDE9
RGB	255, 237, 233
RGB Percent	100%, 93%, 91%
CMY	0.0000, 0.0719, 0.0876
CMYK	0.00, 0.07, 0.09, 0.00
HSL	11°, 100%, 96%
HSV	11°, 9%, 100%
XYZ	86.3278, 87.6183, 89.1927
YIQ	241.9260, 12.0120, 2.5720

Conversions

Conversions Part 2

Format	Color
R _Y B	255, 238, 233
Decimal	16772585
CIE Lab	95.00, 5.77, 4.25
CIE LCh	95, 7.163, 36.345
Yxy	87.6183, 0.3281, 0.3330
Android (android.graphics.Color)	4294962665 (0xFFFFE9)
YUV	241.9260, -4.4005, 11.4659
Hunter-Lab	93.6047, 0.8152, 9.0278

Details

The CIELCh color **95, 7.163, 36.345** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **97, 6.553, 217.366**, 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 **75, 6.829, 38.155** is the 20% darker color. If you saturate the color by 10%, you get **89, 15.469, 36.986**, and if you desaturate by 10%, it is **100, 0.012, 296.813**.

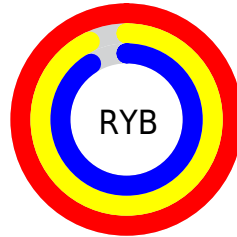
Distribution



Red (100%)

Green (93%)

Blue (91%)



Red (100%)

Yellow (93%)

Blue (91%)



Cyan (0%)

Magenta (7%)

Yellow (9%)

Black (0%)



Cyan (0%)

Magenta (7%)

Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 95, 7.163, 36.345 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 95, 7.163, 36.345 by changing the saturation by 10% instead.

	95, 7.163, 36.345		95, 7.163, 36.345
	100, 7.163, 36.345		85, 7.163, 36.345
			75, 7.163, 36.345
			65, 7.163, 36.345
			55, 7.163, 36.345
			45, 7.163, 36.345
			35, 7.163, 36.345
			25, 7.163, 36.345
			15, 7.163, 36.345
			5, 7.163, 36.345

95, 7.163, 36.345

95, 7.163, 36.345

89, 15.469, 36.986

100, 0.012,
296.813

84, 24.741, 37.147

78, 34.777, 37.482

73, 45.571, 38.041

69, 57.045, 38.861

64, 68.990, 39.944

61, 80.942, 41.191

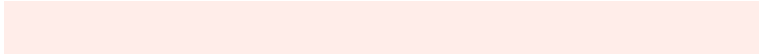
58, 91.851, 42.241

55, 99.830, 42.431

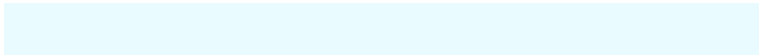
Harmonies

Complementary

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



95, 7.163, 36.345



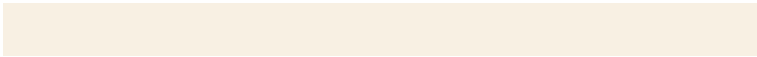
97, 6.553, 217.366

Rectangle

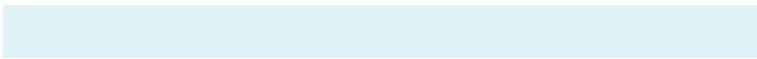
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



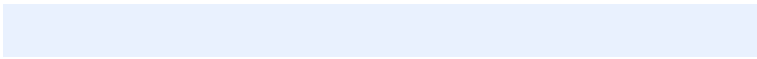
95, 7.163, 36.345



95, 7.163, 86.345



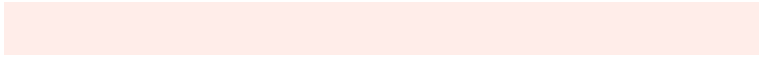
95, 7.163, 216.345



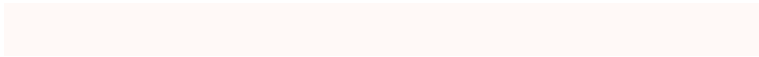
95, 7.163, 266.345

Sweetspot

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



95, 6.928, 36.929



98, 2.315, 36.788



94, 12.434, 329.897



52, 1.761, 36.840



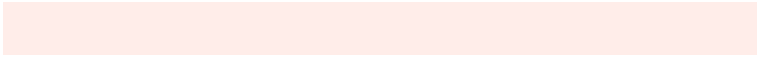
0, 0.000, 0.000



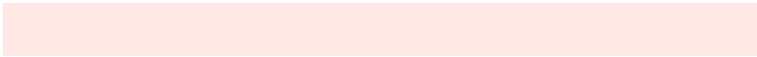
53, 0.007, 296.813

Same Dimension

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



95, 6.928, 36.929



94, 8.778, 36.939



98, 8.025, 89.994



50, 4.509, 36.933



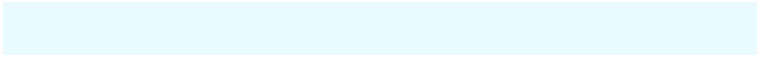
42, 80.660, 42.845



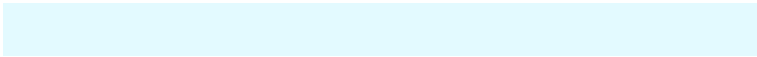
11, 30.284, 36.027

Inverse Universe

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



97, 6.553, 217.366



97, 8.177, 217.403



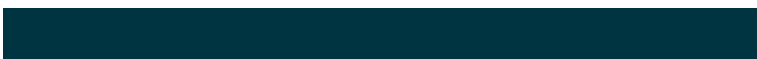
95, 8.026, 272.311



52, 4.243, 217.376



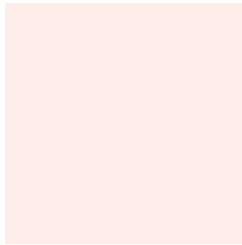
60, 35.133, 231.136



19, 16.135, 226.421

Previews

White Background



This preview shows how the CIE LCh color 95, 7.163, 36.345 looks on a white background.

Color Contrast Check

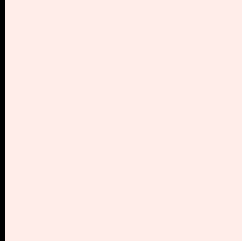
Large Text (above 18pt) WCAG AA × Fail

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 95, 7.163, 36.345 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

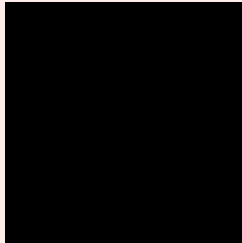
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

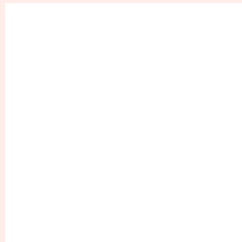
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 95, 7.163, 36.345

Background



This preview shows how black text looks on a background with the CIELCh color 95, 7.163, 36.345.

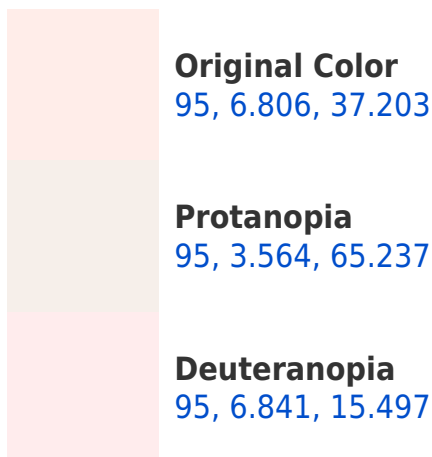


This preview shows how white text looks on a background with the CIELCh color 95, 7.163, 36.345.

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](#).

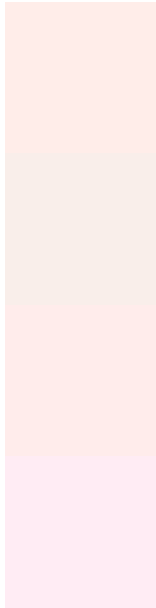
Dichromacy





Tritanopia
95, 10.481, 332.816

Trichromacy



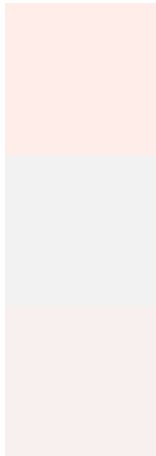
Original Color
95, 6.806, 37.203

Protanomaly
95, 4.433, 47.001

Deuteranomaly
95, 6.856, 24.049

Tritanomaly
95, 7.925, 348.738

Monochromacy



Original Color
95, 6.806, 37.203

Achromatopsia
95, 0.011, 296.813

Achromatomaly
95, 2.535, 30.962

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 95, 7.163, 36.345 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, 237, 233)` looks like.

```
.text, #text, p{  
    color:rgb(255, 237, 233)  
}
```

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, 237, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 237, 233) }
```

Border

The CSS property to change the border of an element to CIELCh 95, 7.163, 36.345 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, 237, 233) }
```

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

```
.border{ border-color:rgb(255, 237, 233) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 237, 233)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 237, 233); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 237, 233);  
box-shadow:4px 4px 4px 4px rgb(255, 237,  
233) }
```

Background

The CSS property to change the background color of an element to CIELCh 95, 7.163, 36.345 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 237, 233) }
```

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

```
.background{ background-color: rgb(255,  
237, 233) }
```

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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