

Converting Colors

CIELCh(95, 6.465, 45.851)

Have a look what the booklet for
CIELCh(95, 6.465, 45.851) contains.

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Color

CIELCh(95, 6.645, 42.310)

Conversions

Conversions Part 1

Format	Color
Hex	FEED E8
RGB	254, 237, 232
RGB Percent	100%, 93%, 91%
CMY	0.0032, 0.0698, 0.0895
CMYK	0.00, 0.07, 0.09, 0.00
HSL	14°, 93%, 95%
HSV	14°, 9%, 100%
XYZ	85.8711, 87.6183, 88.8673
YIQ	241.5130, 11.7370, 2.0490

Conversions

Conversions Part 2

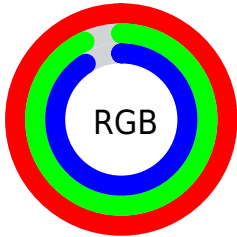
Format	Color
R _Y B	254, 238, 232
Decimal	16707048
CIE Lab	95.00, 4.91, 4.47
CIE LCh	95, 6.645, 42.310
Yxy	87.6183, 0.3273, 0.3340
Android (android.graphics.Color)	4294897128 (0xFFFEDE8)
YUV	241.5130, -4.6899, 10.9511
Hunter-Lab	93.6047, -0.0558, 9.2340

Details

The CIELCh color **95, 6.645, 42.310** is a light color, and the websafe version is hex FFFFFFF. A complement of this color would be **97, 6.304, 223.169**, 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, 6.672, 43.516** is the 20% darker color. If you saturate the color by 10%, you get **90, 14.921, 42.142**, and if you desaturate by 10%, it is **100, 0.282, 201.741**.

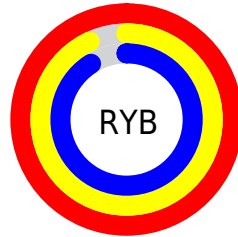
Distribution



Red (100%)

Green (93%)

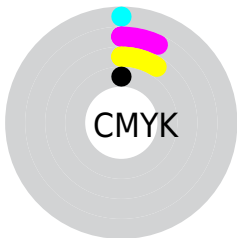
Blue (91%)



Red (100%)

Yellow (93%)

Blue (91%)

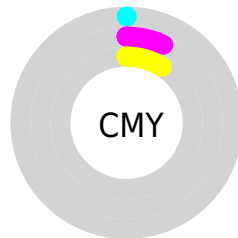


Cyan (0%)

Magenta (7%)

Yellow (9%)

Black (0%)



Cyan (0%)






Magenta (7%)

Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 95, 6.645, 42.310 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, 6.645, 42.310 by changing the saturation by 10% instead.

 95, 6.645, 42.310	 95, 6.645, 42.310
 100, 6.645, 42.310	 85, 6.645, 42.310
	 75, 6.645, 42.310
	 65, 6.645, 42.310
	 55, 6.645, 42.310
	 45, 6.645, 42.310
	 35, 6.645, 42.310
	 25, 6.645, 42.310
	 15, 6.645, 42.310
	 5, 6.645, 42.310

95, 6.645, 42.310

95, 6.645, 42.310

90, 14.921, 42.142

100, 0.282,
201.741

84, 23.896, 42.027

79, 33.611, 42.051

74, 44.076, 42.252

70, 55.233, 42.654

66, 66.900, 43.248

62, 78.636, 43.925

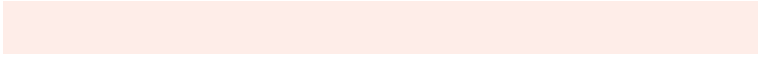
59, 89.433, 44.351

56, 97.521, 43.932

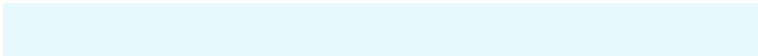
Harmonies

Complementary

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



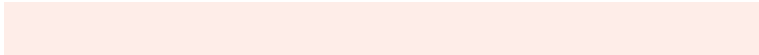
95, 6.645, 42.310



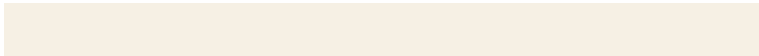
97, 6.304, 223.169

Rectangle

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



95, 6.645, 42.310



95, 6.645, 92.310



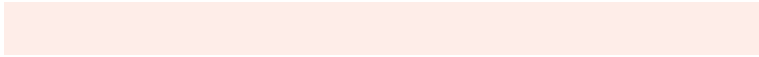
95, 6.645, 222.310



95, 6.645, 272.310

Sweetspot

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



95, 6.644, 42.334



98, 2.255, 42.323



94, 11.823, 331.636



52, 1.715, 42.357



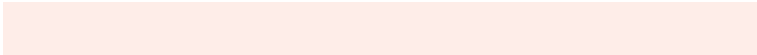
0, 0.000, 0.000



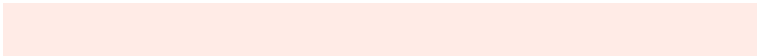
53, 0.007, 296.813

Same Dimension

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



95, 6.644, 42.334



95, 7.738, 42.308



98, 8.315, 93.837



50, 4.391, 42.318



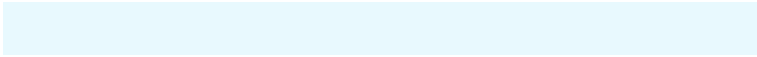
43, 79.036, 44.345



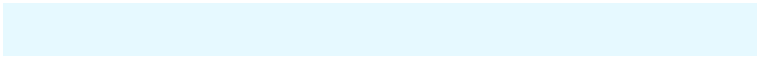
12, 29.576, 38.814

Inverse Universe

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



97, 6.304, 223.169



97, 7.277, 223.222



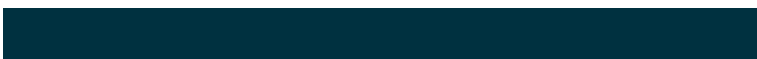
94, 8.354, 276.050



52, 4.143, 223.202



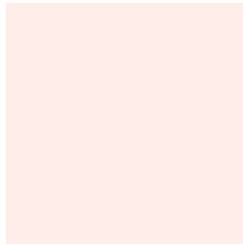
57, 36.063, 241.621



18, 16.285, 235.699

Previews

White Background



This preview shows how the CIELCh color 95, 6.645, 42.310 looks on a white background.

Color Contrast Check

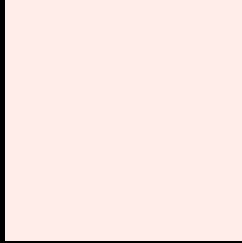
Large Text (above 18pt) WCAG AA × Fail

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, 6.645, 42.310 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

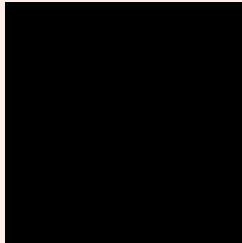
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

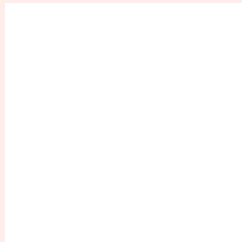
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 95, 6.645, 42.310

Background



This preview shows how black text looks on a background with the CIELCh color 95, 6.645, 42.310.

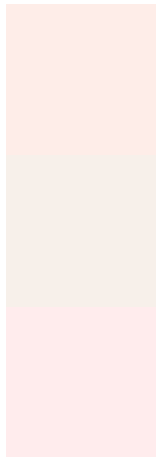


This preview shows how white text looks on a background with the CIELCh color 95, 6.645, 42.310.

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

95, 6.645, 42.310

Protanopia

95, 3.944, 70.410

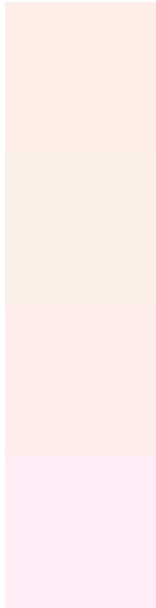
Deuteranopia

95, 6.841, 15.497



Tritanopia
95, 10.862, 330.985

Trichromacy



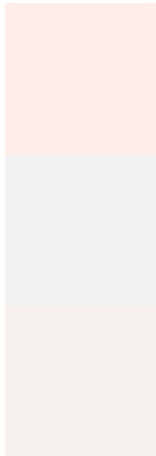
Original Color
95, 6.645, 42.310

Protanomaly
95, 4.990, 57.425

Deuteranomaly
95, 6.856, 24.049

Tritanomaly
95, 7.925, 348.738

Monochromacy



Original Color
95, 6.645, 42.310

Achromatopsia
95, 0.011, 296.813

Achromatomaly
95, 2.355, 45.012

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 95, 6.645, 42.310 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(254, 237, 232)` looks like.

```
.text, #text, p{  
    color:rgb(254, 237, 232)  
}
```

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(254, 237, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 237, 232) }
```

Border

The CSS property to change the border of an element to CIELCh 95, 6.645, 42.310 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(254, 237, 232) }
```

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

```
.border{ border-color:rgb(254, 237, 232) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 237, 232)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 237, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 237, 232);  
box-shadow:4px 4px 4px 4px rgb(254, 237,  
232) }
```

Background

The CSS property to change the background color of an element to CIELCh 95, 6.645, 42.310 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 237, 232) }
```

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

```
.background{ background-color: rgb(254,  
237, 232) }
```

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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