

Converting Colors

CIELCh(95, 6.566, 63.996)

Have a look what the booklet for
CIELCh(95, 6.566, 63.996) contains.

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Color

CIELCh(95, 6.572, 63.993)

Conversions

Conversions Part 1

Format	Color
Hex	FBEEE5
RGB	251, 238, 229
RGB Percent	98%, 93%, 90%
CMY	0.0142, 0.0652, 0.1005
CMYK	0.00, 0.05, 0.09, 0.01
HSL	25°, 75%, 94%
HSV	25°, 9%, 99%
XYZ	84.7924, 87.6183, 86.8382
YIQ	240.8610, 10.6370, -0.0430

Conversions

Conversions Part 2

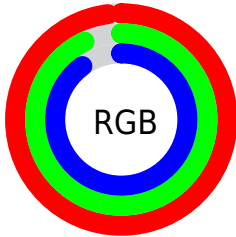
Format	Color
R _Y B	251, 244, 229
Decimal	16510693
CIE Lab	95.00, 2.88, 5.91
CIE LCh	95, 6.572, 63.993
Yxy	87.6183, 0.3271, 0.3380
Android (android.graphics.Color)	4294700773 (0xFFFBEEE5)
YUV	240.8610, -5.8475, 8.8919
Hunter-Lab	93.6047, -2.1127, 10.5192

Details

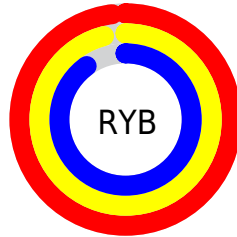
The CIELCh color **95, 6.572, 63.993** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **95, 6.358, 246.095**, and the grayscale version is **95, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **75, 6.281, 62.788** is the 20% darker color. If you saturate the color by 10%, you get **91, 14.526, 63.015**, and if you desaturate by 10%, it is **99, 0.916, 245.716**.

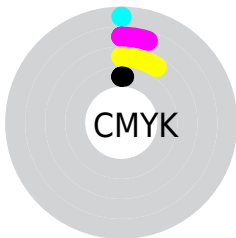
Distribution



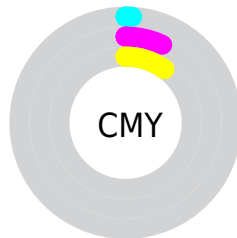
- Red (98%)
- Green (93%)
- Blue (90%)



- Red (98%)
- Yellow (96%)
- Blue (90%)



- Cyan (0%)
- Magenta (5%)
- Yellow (9%)
- Black (1%)



- Cyan (1%)
- Magenta (7%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 95, 6.572, 63.993 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, 6.572, 63.993 by changing the saturation by 10% instead.

 95, 6.572, 63.993

 95, 6.572, 63.993

 100, 6.572, 63.993

 85, 6.572, 63.993

 75, 6.572, 63.993

 65, 6.572, 63.993

 55, 6.572, 63.993

 45, 6.572, 63.993

 35, 6.572, 63.993

 25, 6.572, 63.993

 15, 6.572, 63.993

 5, 6.572, 63.993

95, 6.572, 63.993

95, 6.572, 63.993

91, 14.526, 63.015

99, 0.916, 245.716

87, 22.991, 62.002

100, 1.260,
199.851

83, 32.000, 61.014

79, 41.555, 60.061

75, 51.596, 59.135

71, 61.930, 58.192

68, 72.100, 57.109

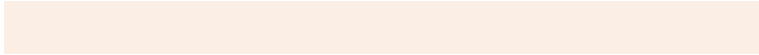
65, 81.166, 55.602

62, 87.861, 53.289

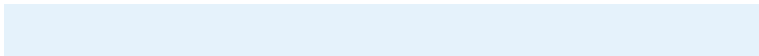
Harmonies

Complementary

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



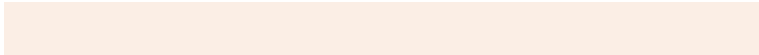
95, 6.572, 63.993



95, 6.358, 246.095

Rectangle

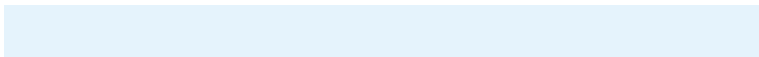
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



95, 6.572, 63.993



95, 6.572, 113.993



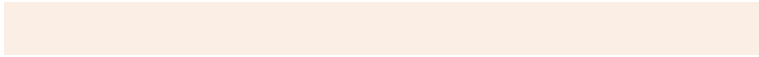
95, 6.572, 243.993



95, 6.572, 293.993

Sweetspot

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



95, 6.572, 64.017



99, 2.235, 64.467



93, 10.399, 339.256



52, 1.700, 64.432



0, 0.000, 0.000



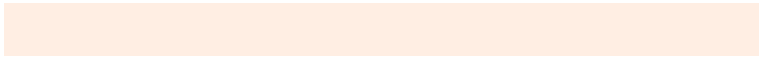
53, 0.007, 296.813

Same Dimension

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



95, 6.572, 64.017



95, 8.413, 63.797



98, 10.093, 104.874



50, 4.257, 63.946



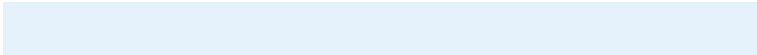
47, 71.048, 53.701



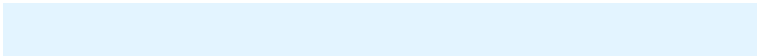
14, 26.186, 52.728

Inverse Universe

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



95, 6.358, 246.095



95, 8.057, 246.364



92, 10.262, 286.790



50, 4.104, 246.181



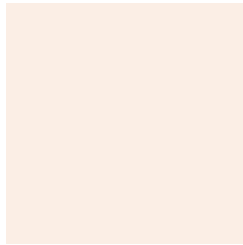
46, 47.936, 273.692



13, 19.579, 266.167

Previews

White Background



This preview shows how the CIELCh color 95, 6.572, 63.993 looks on a white background.

Color Contrast Check

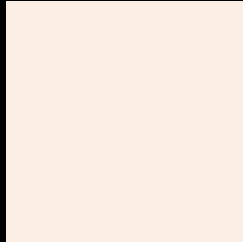
Large Text (above 18pt) WCAG AA × Fail

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, 6.572, 63.993 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

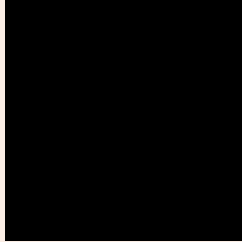
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 95, 6.572, 63.993

Background



This preview shows how black text looks on a background with the CIELCh color 95, 6.572, 63.993.

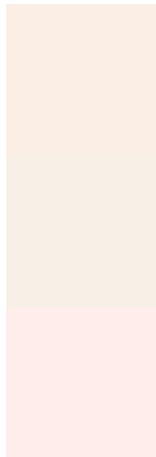


This preview shows how white text looks on a background with the CIELCh color 95, 6.572, 63.993.

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, 6.572, 63.993

Protanopia

95, 5.687, 83.397

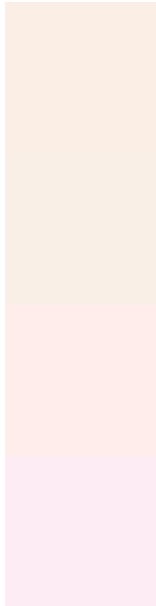
Deuteranopia

95, 6.487, 24.259



Tritanopia
95, 11.655, 327.699

Trichromacy



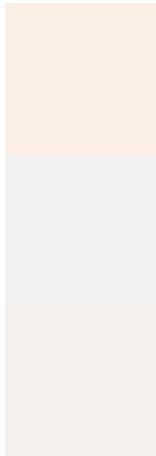
Original Color
95, 6.572, 63.993

Protanomaly
95, 5.834, 71.531

Deuteranomaly
95, 6.306, 33.775

Tritanomaly
95, 7.622, 347.312

Monochromacy



Original Color
95, 6.572, 63.993

Achromatopsia
95, 0.011, 296.813

Achromatomaly
95, 2.335, 60.311

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 95, 6.572, 63.993 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(251, 238, 229)` looks like.

```
.text, #text, p{  
    color:rgb(251, 238, 229)  
}
```

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(251, 238, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 238, 229) }
```

Border

The CSS property to change the border of an element to CIELCh 95, 6.572, 63.993 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(251, 238, 229) }
```

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

```
.border{ border-color:rgb(251, 238, 229) }
```

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

Here you see how a box with a 4 pixel `rgb(251, 238, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 238, 229); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 238, 229);  
box-shadow:4px 4px 4px 4px rgb(251, 238,  
229) }
```

Background

The CSS property to change the background color of an element to CIELCh 95, 6.572, 63.993 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 238, 229) }
```

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

```
.background{ background-color: rgb(251,  
238, 229) }
```

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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