

Converting Colors

CIELCh(95, 6.760, 52.149)

Have a look what the booklet for
CIELCh(95, 6.760, 52.149) contains.

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Color

CIELCh(95, 6.487, 53.086)

Conversions

Conversions Part 1

Format	Color
Hex	FDEEE7
RGB	253, 238, 231
RGB Percent	99%, 93%, 91%
CMY	0.0087, 0.0675, 0.0950
CMYK	0.00, 0.06, 0.09, 0.01
HSL	19°, 83%, 95%
HSV	19°, 9%, 99%
XYZ	85.3297, 87.6183, 87.8533
YIQ	241.6870, 11.1870, 1.0030

Conversions

Conversions Part 2

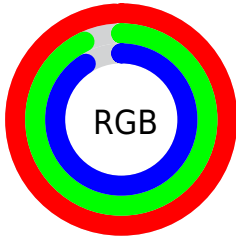
Format	Color
R _Y B	253, 241, 231
Decimal	16641767
CIE Lab	95.00, 3.90, 5.19
CIE LCh	95, 6.487, 53.086
Yxy	87.6183, 0.3272, 0.3360
Android (android.graphics.Color)	4294831847 (0xFFFD E E7)
YUV	241.6870, -5.2687, 9.9215
Hunter-Lab	93.6047, -1.0881, 9.8762

Details

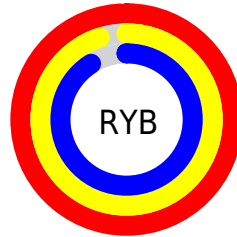
The CIELCh color **95, 6.487, 53.086** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **96, 6.203, 234.657**, and the grayscale version is **95, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **75, 6.536, 54.789** is the 20% darker color. If you saturate the color by 10%, you get **90, 14.473, 52.468**, and if you desaturate by 10%, it is **100, 0.772, 200.214**.

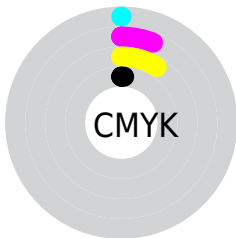
Distribution



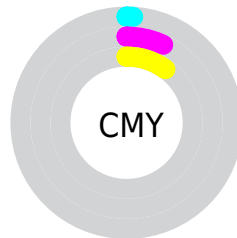
- Red (99%)
- Green (93%)
- Blue (91%)



- Red (99%)
- Yellow (95%)
- Blue (91%)



- Cyan (0%)
- Magenta (6%)
- Yellow (9%)
- Black (1%)



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

Brightness & Saturation Gradients

These gradients show how the CIELCh color 95, 6.487, 53.086 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, 6.487, 53.086 by changing the saturation by 10% instead.



95, 6.487, 53.086

95, 6.487, 53.086

90, 14.473, 52.468

100, 0.772,
200.214

86, 23.075, 51.854

81, 32.338, 51.319

77, 42.277, 50.884

72, 52.847, 50.555

68, 63.880, 50.299

65, 74.942, 49.998

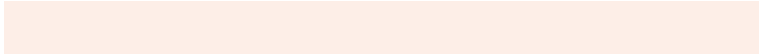
62, 85.072, 49.343

59, 92.755, 47.857

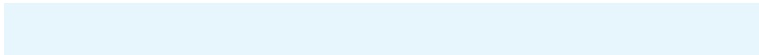
Harmonies

Complementary

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



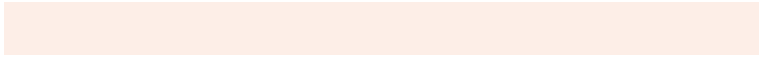
95, 6.487, 53.086



96, 6.203, 234.657

Rectangle

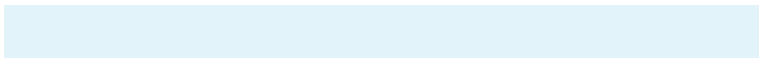
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



95, 6.487, 53.086



95, 6.487, 103.086



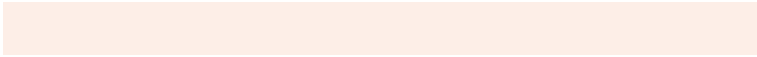
95, 6.487, 233.086



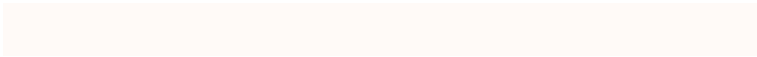
95, 6.487, 283.086

Sweetspot

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



95, 6.487, 53.111



99, 2.203, 53.349



94, 11.016, 335.539



52, 1.676, 53.347



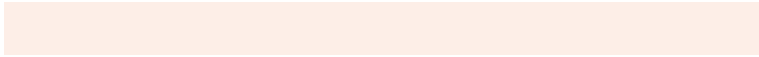
0, 0.000, 0.000



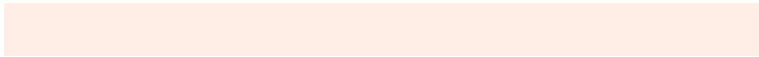
53, 0.007, 296.813

Same Dimension

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



95, 6.487, 53.111



95, 7.544, 53.030



98, 9.238, 100.388



51, 4.281, 53.061



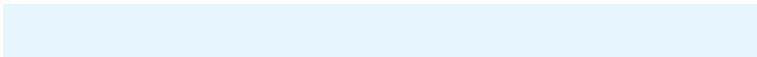
45, 75.468, 48.257



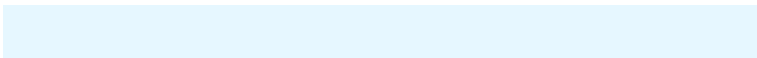
13, 28.320, 45.241

Inverse Universe

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



96, 6.203, 234.657



96, 7.161, 234.766



93, 9.349, 282.436



51, 4.075, 234.723



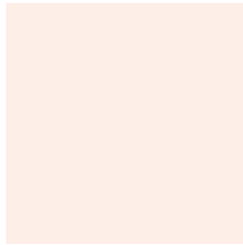
52, 40.707, 259.604



16, 17.628, 252.446

Previews

White Background



This preview shows how the CIELCh color 95, 6.487, 53.086 looks on a white background.

Color Contrast Check

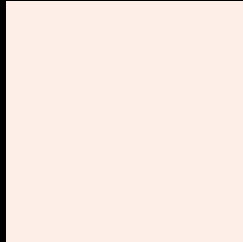
Large Text (above 18pt) WCAG AA × Fail

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, 6.487, 53.086 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

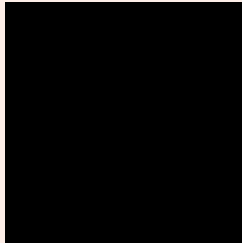
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 95, 6.487, 53.086

Background



This preview shows how black text looks on a background with the CIELCh color 95, 6.487, 53.086.

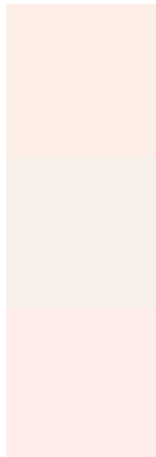


This preview shows how white text looks on a background with the CIELCh color 95, 6.487, 53.086.

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, 6.487, 53.086

Protanopia

95, 4.785, 78.099

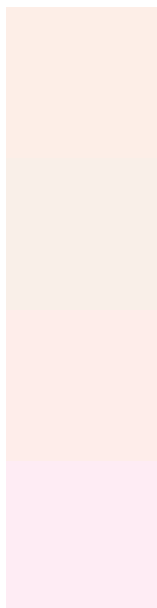
Deuteranopia

95, 6.487, 24.259



Tritanopia
95, 11.254, 329.283

Trichromacy



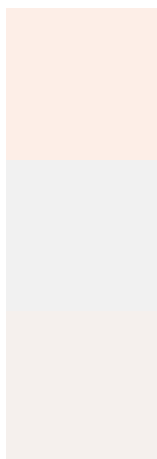
Original Color
95, 6.487, 53.086

Protanomaly
95, 5.060, 64.490

Deuteranomaly
95, 6.306, 33.775

Tritanomaly
95, 7.622, 347.312

Monochromacy



Original Color
95, 6.487, 53.086

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, 6.487, 53.086 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(253, 238, 231)` looks like.

```
.text, #text, p{  
    color:rgb(253, 238, 231)  
}
```

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(253, 238, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 238, 231) }
```

Border

The CSS property to change the border of an element to CIELCh 95, 6.487, 53.086 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(253, 238, 231) }
```

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

```
.border{ border-color:rgb(253, 238, 231) }
```

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

Here you see how a box with a 4 pixel rgb(253, 238, 231) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 238, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 238, 231);  
box-shadow:4px 4px 4px 4px rgb(253, 238,  
231) }
```

Background

The CSS property to change the background color of an element to CIELCh 95, 6.487, 53.086 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 238, 231) }
```

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

```
.background{ background-color: rgb(253,  
238, 231) }
```

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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