

Converting Colors

CIELCh(95, 5.361, 56.653)

Have a look what the booklet for
CIELCh(95, 5.361, 56.653) contains.

CIELCh(95, 5.287, 55.016)	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, 5.287, 55.016)

Conversions

Conversions Part 1

Format	Color
Hex	FAEEE8
RGB	250, 238, 232
RGB Percent	98%, 93%, 91%
CMY	0.0181, 0.0651, 0.0887
CMYK	0.00, 0.05, 0.07, 0.02
HSL	20°, 66%, 95%
HSV	20°, 7%, 98%
XYZ	84.8715, 87.6183, 89.0690
YIQ	240.9040, 9.0780, 0.6780

Conversions

Conversions Part 2

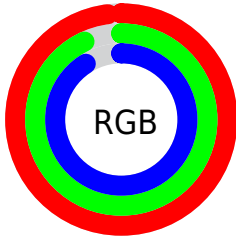
Format	Color
R _Y B	250, 241, 232
Decimal	16445160
CIE Lab	95.00, 3.03, 4.33
CIE LCh	95, 5.287, 55.016
Yxy	87.6183, 0.3245, 0.3350
Android (android.graphics.Color)	4294635240 (0xFFFAEEE8)
YUV	240.9040, -4.3897, 7.9772
Hunter-Lab	93.6047, -1.9619, 9.1062

Details

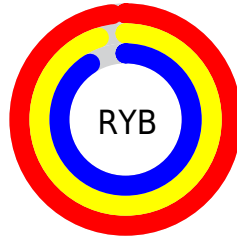
The CIELCh color **95, 5.287, 55.016** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **96, 5.107, 236.469**, and the grayscale version is **95, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **75, 5.274, 57.288** is the 20% darker color. If you saturate the color by 10%, you get **90, 13.108, 54.343**, and if you desaturate by 10%, it is **100, 1.600, 199.718**.

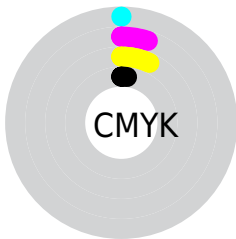
Distribution



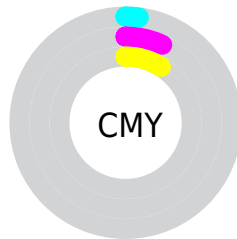
- Red (98%)
- Green (93%)
- Blue (91%)



- Red (98%)
- Yellow (95%)
- Blue (91%)



- Cyan (0%)
- Magenta (5%)
- Yellow (7%)
- Black (2%)




- Cyan (2%)
- Magenta (7%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 95, 5.287, 55.016 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, 5.287, 55.016 by changing the saturation by 10% instead.

 95, 5.287, 55.016	 95, 5.287, 55.016
 100, 5.287, 55.016	 85, 5.287, 55.016
	 75, 5.287, 55.016
	 65, 5.287, 55.016
	 55, 5.287, 55.016
	 45, 5.287, 55.016
	 35, 5.287, 55.016
	 25, 5.287, 55.016
	 15, 5.287, 55.016
	 5, 5.287, 55.016

95, 5.287, 55.016

95, 5.287, 55.016

90, 13.108, 54.343

100, 1.600,
199.718

86, 21.517, 53.647

81, 30.559, 53.014

77, 40.256, 52.468

73, 50.572, 52.014

69, 61.365, 51.627

65, 72.259, 51.203

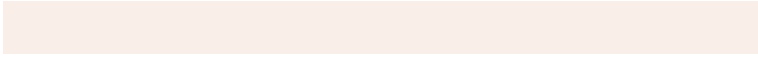
62, 82.403, 50.475

59, 90.284, 48.935

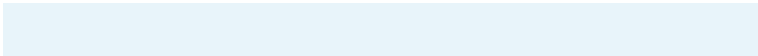
Harmonies

Complementary

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



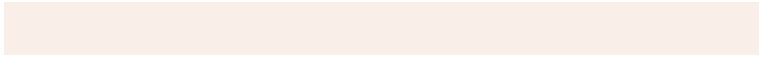
95, 5.287, 55.016



96, 5.107, 236.469

Rectangle

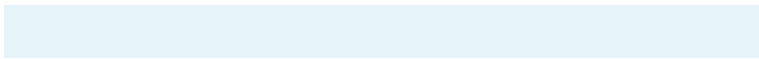
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



95, 5.287, 55.016



95, 5.287, 105.016



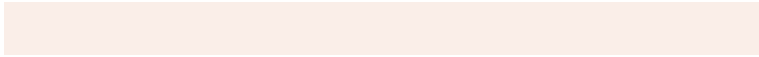
95, 5.287, 235.016



95, 5.287, 285.016

Sweetspot

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



95, 5.287, 55.046



99, 1.462, 55.169



94, 8.916, 336.128



53, 0.830, 55.156



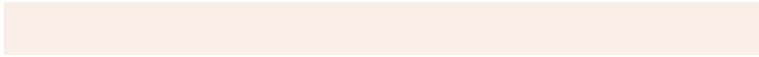
0, 0.000, 0.000



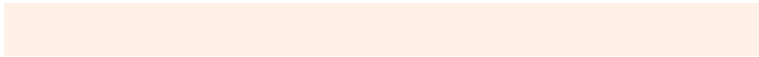
53, 0.007, 296.813

Same Dimension

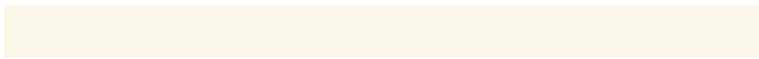
The Same Dimension uses a secret algorithm to generate beautiful new colors.



95, 5.287, 55.046



96, 6.760, 54.926



97, 7.704, 101.517



50, 4.208, 54.893



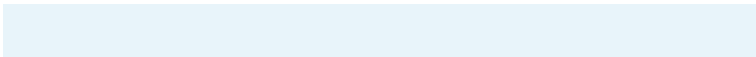
45, 74.072, 49.088



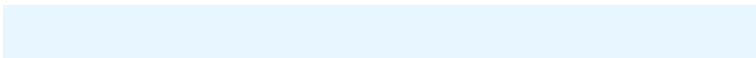
13, 26.912, 46.009

Inverse Universe

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



96, 5.107, 236.469



96, 6.465, 236.622



93, 7.794, 283.186



50, 4.013, 236.666



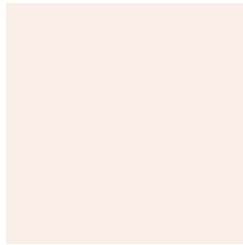
50, 41.373, 262.197



15, 17.449, 254.606

Previews

White Background



This preview shows how the CIE LCh color 95, 5.287, 55.016 looks on a white background.

Color Contrast Check

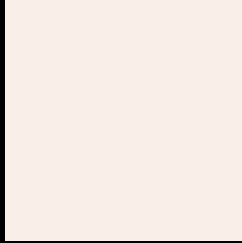
Large Text (above 18pt) WCAG AA × Fail

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, 5.287, 55.016 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, 5.287, 55.016

Background



This preview shows how black text looks on a background with the CIELCh color 95, 5.287, 55.016.

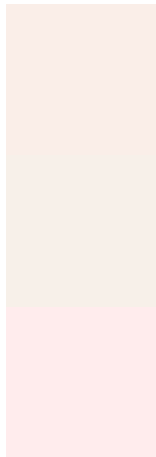


This preview shows how white text looks on a background with the CIELCh color 95, 5.287, 55.016.

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, 5.287, 55.016

Protanopia

95, 4.355, 74.629

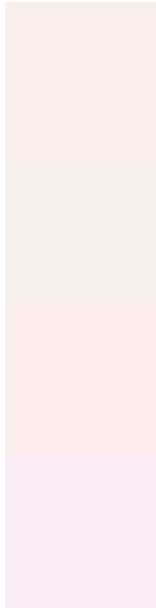
Deuteranopia

95, 6.841, 15.497



Tritanopia
95, 11.671, 323.389

Trichromacy



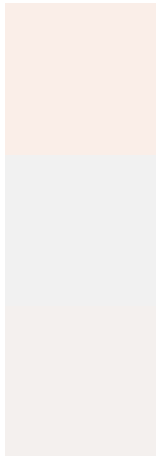
Original Color
95, 5.287, 55.016

Protanomaly
95, 4.439, 63.160

Deuteranomaly
95, 5.836, 29.769

Tritanomaly
95, 7.675, 337.897

Monochromacy



Original Color
95, 5.287, 55.016

Achromatopsia
95, 0.011, 296.813

Achromatomaly
95, 1.738, 55.176

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 95, 5.287, 55.016 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(250, 238, 232)` looks like.

```
.text, #text, p{  
    color:rgb(250, 238, 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(250, 238, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 238, 232) }
```

Border

The CSS property to change the border of an element to CIELCh 95, 5.287, 55.016 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(250, 238, 232) }
```

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

```
.border{ border-color:rgb(250, 238, 232) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 238, 232)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 238, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 238, 232);  
box-shadow:4px 4px 4px 4px rgb(250, 238,  
232) }
```

Background

The CSS property to change the background color of an element to CIELCh 95, 5.287, 55.016 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 238, 232) }
```

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

```
.background{ background-color: rgb(250,  
238, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor