

Converting Colors

CIELCh(99, 23.352, 34.581)

Have a look what the booklet for
CIELCh(99, 23.352, 34.581) contains.

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Color

CIELCh(95, 8.360, 61.865)

Conversions

Conversions Part 1

Format	Color
Hex	FFEEE3
RGB	255, 238, 227
RGB Percent	100%, 93%, 89%
CMY	0.0016, 0.0682, 0.1114
CMYK	0.00, 0.07, 0.11, 0.00
HSL	24°, 97%, 94%
HSV	24°, 11%, 100%
XYZ	85.3541, 87.6183, 84.7958
YIQ	241.8290, 13.6630, 0.1830

Conversions

Conversions Part 2

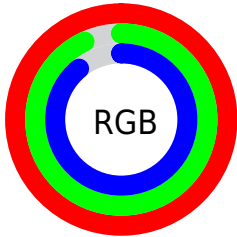
Format	Color
R_{YB}	255, 245, 227
Decimal	16772835
CIE _{Lab}	95.00, 3.94, 7.37
CIE _{LCh}	95, 8.360, 61.865
Yxy	87.6183, 0.3311, 0.3399
Android (android.graphics.Color)	4294962915 (0xFFFFEEE3)
YUV	241.8290, -7.3107, 11.5510
Hunter-Lab	93.6047, -1.0416, 11.8129

Details

The CIELCh color **95, 8.360, 61.865** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **95, 7.984, 244.351**, 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, 8.180, 60.709** is the 20% darker color. If you saturate the color by 10%, you get **91, 16.494, 60.928**, and if you desaturate by 10%, it is **99, 0.726, 62.213**.

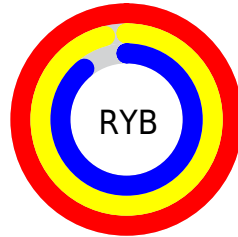
Distribution



Red (100%)

Green (93%)

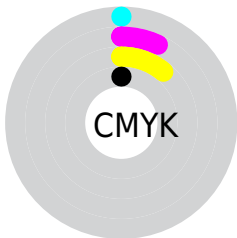
Blue (89%)



Red (100%)

Yellow (96%)

Blue (89%)

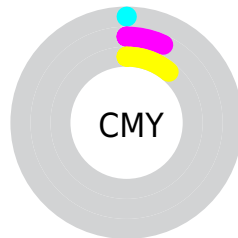


Cyan (0%)

Magenta (7%)

Yellow (11%)

Black (0%)



Cyan (0%)

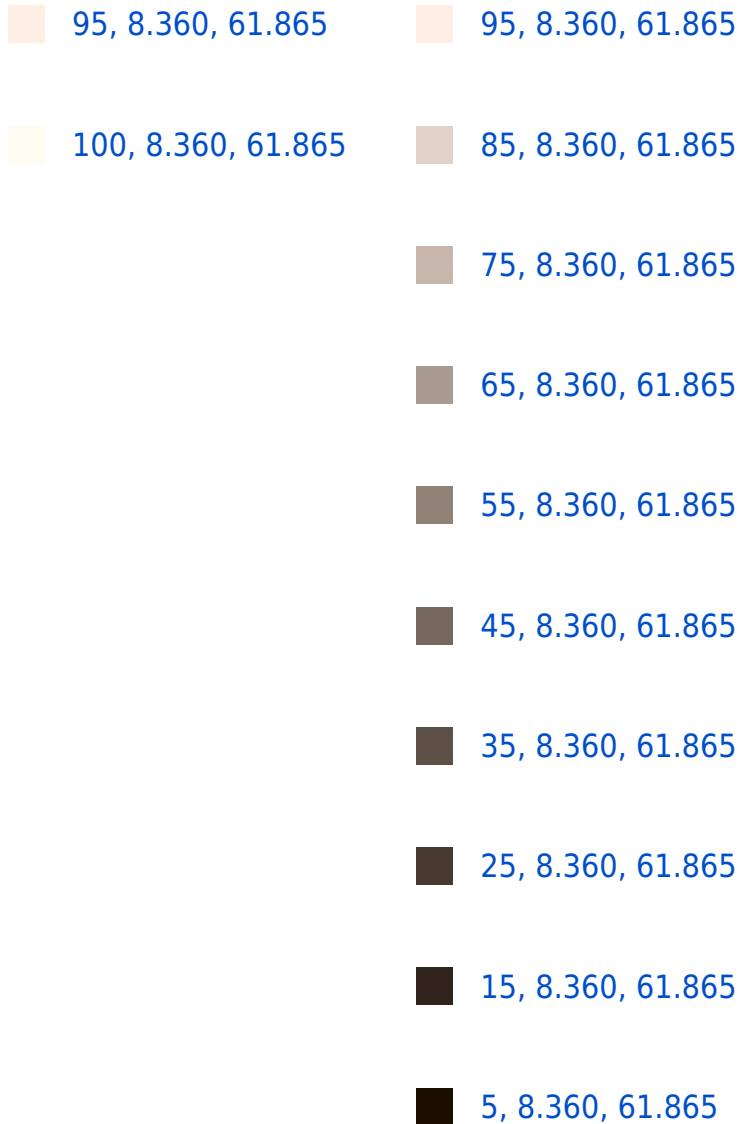
Magenta (7%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 95, 8.360, 61.865 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, 8.360, 61.865 by changing the saturation by 10% instead.



95, 8.360, 61.865

95, 8.360, 61.865

91, 16.494, 60.928

99, 0.726, 62.213

86, 25.173, 59.981

100, 0.143,
204.043

82, 34.430, 59.072

78, 44.260, 58.209

74, 54.584, 57.381

71, 65.169, 56.531

67, 75.467, 55.507

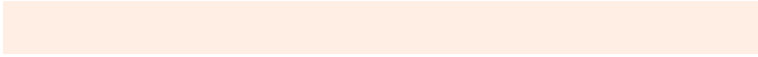
64, 84.382, 53.969

62, 90.321, 51.917

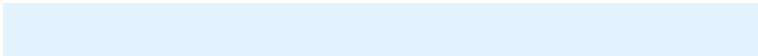
Harmonies

Complementary

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



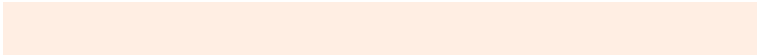
95, 8.360, 61.865



95, 7.984, 244.351

Rectangle

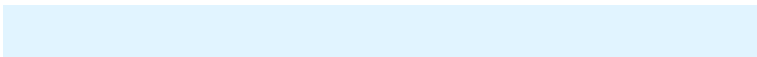
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



95, 8.360, 61.865



95, 8.360, 111.865



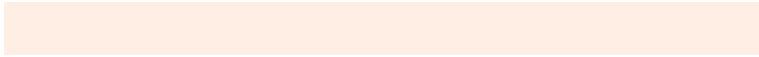
95, 8.360, 241.865



95, 8.360, 291.865

Sweetspot

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



95, 8.360, 61.885



99, 2.223, 62.509



93, 13.377, 338.661



52, 1.691, 62.480



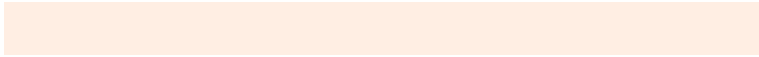
0, 0.000, 0.000



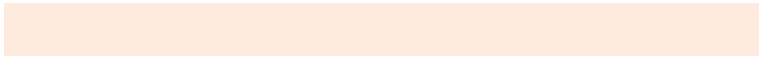
53, 0.007, 296.813

Same Dimension

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



95, 8.360, 61.885



94, 9.964, 61.695



98, 12.592, 103.798



51, 4.308, 62.023



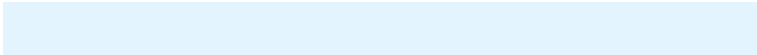
47, 72.419, 52.587



14, 27.521, 51.570

Inverse Universe

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



95, 7.984, 244.351



94, 9.425, 244.597



92, 12.834, 286.254



51, 4.143, 244.179



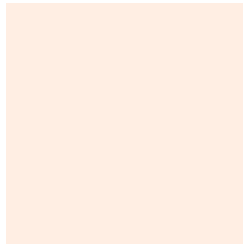
47, 46.885, 271.507



14, 19.672, 264.292

Previews

White Background



This preview shows how the CIELCh color 95, 8.360, 61.865 looks on a white background.

Color Contrast Check

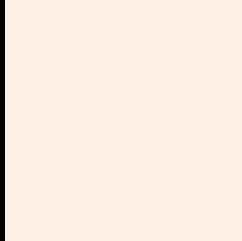
Large Text (above 18pt) WCAG AA × Fail

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, 8.360, 61.865 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

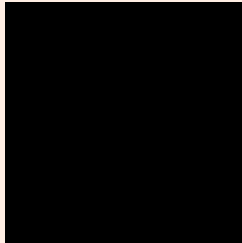
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 95, 8.360, 61.865

Background



This preview shows how black text looks on a background with the CIELCh color 95, 8.360, 61.865.

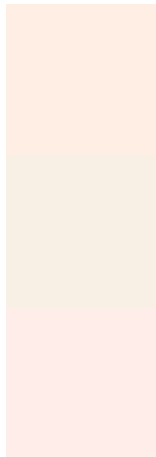


This preview shows how white text looks on a background with the CIELCh color 95, 8.360, 61.865.

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, 8.360, 61.865

Protanopia

95, 6.770, 84.344

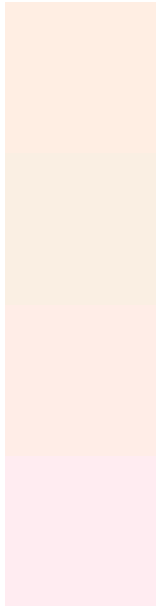
Deuteranopia

95, 6.662, 33.035



Tritanopia
95, 10.481, 332.816

Trichromacy



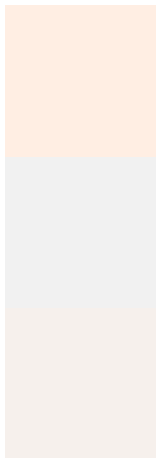
Original Color
95, 8.360, 61.865

Protanomaly
95, 7.309, 76.532

Deuteranomaly
95, 7.197, 44.927

Tritanomaly
95, 7.263, 359.192

Monochromacy



Original Color
95, 8.360, 61.865

Achromatopsia
95, 0.011, 296.813

Achromatomaly
95, 2.944, 63.305

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 95, 8.360, 61.865 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, 238, 227)` looks like.

```
.text, #text, p{  
    color:rgb(255, 238, 227)  
}
```

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, 238, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 238, 227) }
```

Border

The CSS property to change the border of an element to CIELCh 95, 8.360, 61.865 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, 238, 227) }
```

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

```
.border{ border-color:rgb(255, 238, 227) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 238, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 238, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 238, 227);  
box-shadow:4px 4px 4px 4px rgb(255, 238,  
227) }
```

Background

The CSS property to change the background color of an element to CIELCh 95, 8.360, 61.865 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 238, 227) }
```

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

```
.background{ background-color: rgb(255,  
238, 227) }
```

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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