

Converting Colors

CIELCh(96, 24.718, 38.347)

Have a look what the booklet for
CIELCh(96, 24.718, 38.347) contains.

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Color

CIELCh(93, 12.070, 56.386)

Conversions

Conversions Part 1

Format	Color
Hex	FFE6D8
RGB	255, 230, 216
RGB Percent	100%, 90%, 85%
CMY	0.0000, 0.0982, 0.1532
CMYK	0.00, 0.10, 0.15, 0.00
HSL	22°, 100%, 92%
HSV	22°, 15%, 100%
XYZ	82.2703, 82.9670, 76.6031
YIQ	235.8790, 19.3940, 0.9460

Conversions

Conversions Part 2

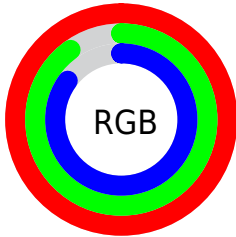
Format	Color
R _Y B	255, 238, 216
Decimal	16770776
CIE Lab	93.00, 6.68, 10.05
CIE LCh	93, 12.070, 56.386
Yxy	82.9670, 0.3402, 0.3431
Android (android.graphics.Color)	4294960856 (0xFFFFE6D8)
YUV	235.8790, -9.8003, 16.7691
Hunter-Lab	91.0862, 1.8226, 13.8977

Details

The CIELCh color **93, 12.070, 56.386** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **94, 10.927, 240.535**, and the grayscale version is **93, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **73, 11.844, 59.477** is the 20% darker color. If you saturate the color by 10%, you get **88, 20.162, 56.639**, and if you desaturate by 10%, it is **98, 3.947, 58.242**.

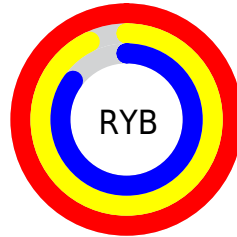
Distribution



Red (100%)

Green (90%)

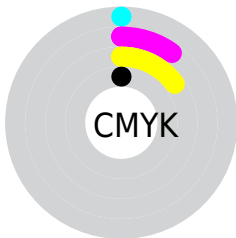
Blue (85%)



Red (100%)

Yellow (93%)

Blue (85%)

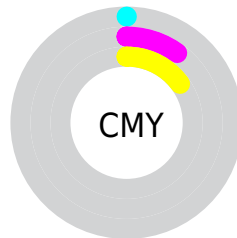


Cyan (0%)

Magenta (10%)

Yellow (15%)

Black (0%)



Cyan (0%)

Magenta (10%)

Yellow (15%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 93, 12.070, 56.386 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 93, 12.070, 56.386 by changing the saturation by 10% instead.

 93, 12.070, 56.386

 93, 12.070, 56.386

 100, 12.070,
56.386

 83, 12.070, 56.386

 73, 12.070, 56.386

 63, 12.070, 56.386

 53, 12.070, 56.386

 43, 12.070, 56.386

 33, 12.070, 56.386

 23, 12.070, 56.386

 13, 12.070, 56.386

 3, 12.070, 56.386

93, 12.070, 56.386

93, 12.070, 56.386

88, 20.162, 56.639

98, 3.947, 58.242

84, 29.156, 55.864

100, 0.012,
296.813

80, 38.782, 55.153

76, 49.015, 54.515

72, 59.732, 53.926

68, 70.601, 53.300

65, 80.869, 52.410

62, 89.122, 50.793

61, 92.196, 49.836

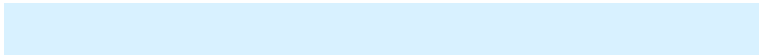
Harmonies

Complementary

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



93, 12.070, 56.386



94, 10.927, 240.535

Rectangle

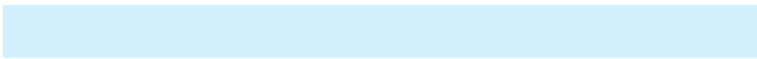
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



93, 12.070, 56.386



93, 12.070, 106.386



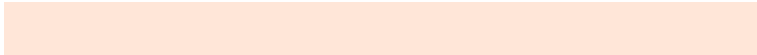
93, 12.070, 236.386



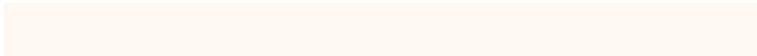
93, 12.070, 286.386

Sweetspot

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



93, 11.774, 57.459



98, 3.707, 58.261



90, 19.169, 337.492



52, 2.536, 58.217



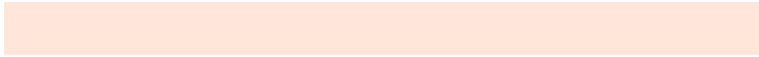
0, 0.000, 0.000



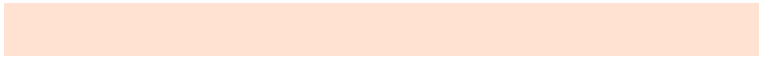
53, 0.007, 296.813

Same Dimension

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



93, 11.774, 57.459



92, 13.968, 57.237



98, 16.988, 101.546



51, 4.283, 57.935



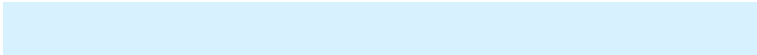
46, 73.801, 50.477



14, 27.851, 48.565

Inverse Universe

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



94, 10.927, 240.535



93, 12.775, 240.871



89, 17.379, 285.125



51, 4.098, 239.886



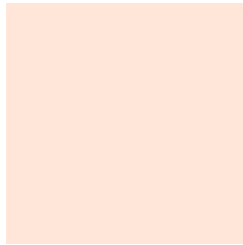
49, 43.831, 266.396



15, 18.641, 259.125

Previews

White Background



This preview shows how the CIELCh color 93, 12.070, 56.386 looks on a white background.

Color Contrast Check

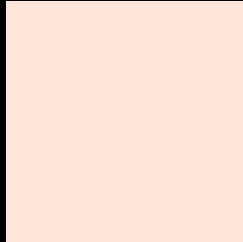
Large Text (above 18pt) WCAG AA × Fail

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 93, 12.070, 56.386 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

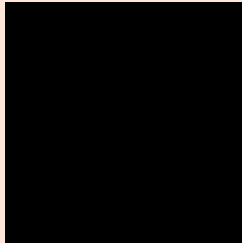
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 93, 12.070, 56.386

Background



This preview shows how black text looks on a background with the CIELCh color 93, 12.070, 56.386.

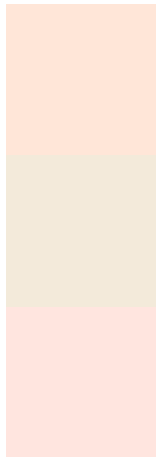


This preview shows how white text looks on a background with the CIELCh color 93, 12.070, 56.386.

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

93, 11.756, 57.476

Protanopia

93, 8.846, 87.600

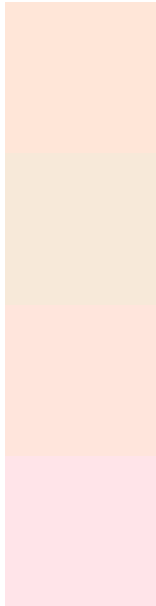
Deuteranopia

93, 10.028, 37.829



Tritanopia
93, 12.649, 342.641

Trichromacy



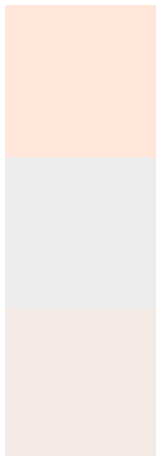
Original Color
93, 11.756, 57.476

Protanomaly
93, 9.697, 77.368

Deuteranomaly
93, 10.651, 45.613

Tritanomaly
93, 10.091, 5.329

Monochromacy



Original Color
93, 11.756, 57.476

Achromatopsia
93, 0.011, 296.813

Achromatomaly
93, 4.118, 58.007

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 93, 12.070, 56.386 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, 230, 216)` looks like.

```
.text, #text, p{  
    color:rgb(255, 230, 216)  
}
```

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, 230, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 230, 216) }
```

Border

The CSS property to change the border of an element to CIELCh 93, 12.070, 56.386 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, 230, 216) }
```

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

```
.border{ border-color:rgb(255, 230, 216) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 230, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 230, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 230, 216);  
box-shadow:4px 4px 4px 4px rgb(255, 230,  
216) }
```

Background

The CSS property to change the background color of an element to CIELCh 93, 12.070, 56.386 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 230, 216) }
```

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

```
.background{ background-color: rgb(255,  
230, 216) }
```

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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