

Converting Colors

CIELCh(93, 12.853, 59.838)

Have a look what the booklet for
CIELCh(93, 12.853, 59.838) contains.

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Color

CIELCh(93, 12.440, 61.075)

Conversions

Conversions Part 1

Format	Color
Hex	FFE6D6
RGB	255, 230, 214
RGB Percent	100%, 90%, 84%
CMY	0.0000, 0.0968, 0.1595
CMYK	0.00, 0.10, 0.16, 0.00
HSL	24°, 100%, 92%
HSV	24°, 16%, 100%
XYZ	81.9263, 82.9670, 75.5276
YIQ	235.6510, 20.0360, 0.3240

Conversions

Conversions Part 2

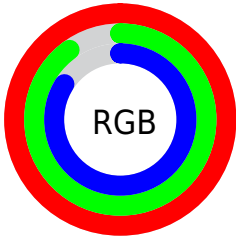
Format	Color
R _Y B	255, 240, 214
Decimal	16770774
CIE Lab	93.00, 6.02, 10.89
CIE LCh	93, 12.440, 61.075
Yxy	82.9670, 0.3408, 0.3451
Android (android.graphics.Color)	4294960854 (0xFFFFE6D6)
YUV	235.6510, -10.6739, 16.9691
Hunter-Lab	91.0862, 1.1485, 14.5978

Details

The CIELCh color `93, 12.440, 61.075` is a light color, and the websafe version is hex `FFCCCC`. A complement of this color would be `93, 11.516, 245.044`, 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, 12.598, 63.058` is the 20% darker color. If you saturate the color by 10%, you get `89, 20.756, 60.510`, and if you desaturate by 10%, it is `97, 4.460, 62.392`.

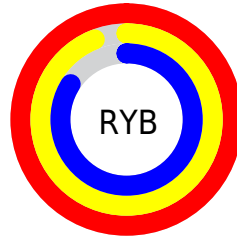
Distribution



Red (100%)

Green (90%)

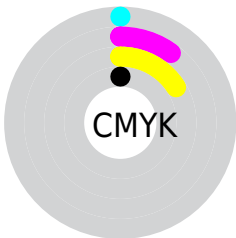
Blue (84%)



Red (100%)

Yellow (94%)

Blue (84%)

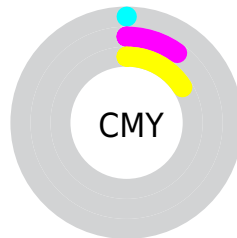


Cyan (0%)

Magenta (10%)

Yellow (16%)

Black (0%)



Cyan (0%)

Magenta (10%)

Yellow (16%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 93, 12.440, 61.075 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, 12.440, 61.075 by changing the saturation by 10% instead.

 93, 12.440, 61.075

 93, 12.440, 61.075

 100, 12.440,
61.075

 83, 12.440, 61.075

 73, 12.440, 61.075

 63, 12.440, 61.075

 53, 12.440, 61.075

 43, 12.440, 61.075

 33, 12.440, 61.075

 23, 12.440, 61.075

 13, 12.440, 61.075

 3, 12.440, 61.075

93, 12.440, 61.075

93, 12.440, 61.075

89, 20.756, 60.510

97, 4.460, 62.392

84, 29.731, 59.577

100, 0.012,
296.813

80, 39.288, 58.689

76, 49.391, 57.843

73, 59.899, 57.013

69, 70.448, 56.101

66, 80.244, 54.875

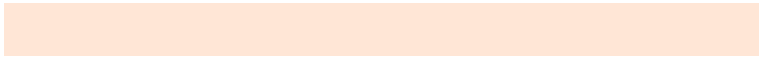
63, 87.896, 52.886

62, 90.410, 51.945

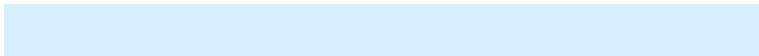
Harmonies

Complementary

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



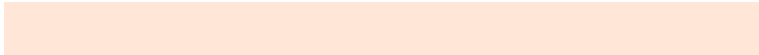
93, 12.440, 61.075



93, 11.516, 245.044

Rectangle

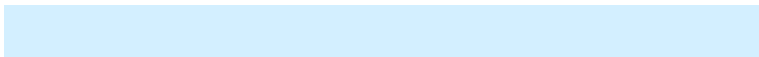
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



93, 12.440, 61.075



93, 12.440, 111.075



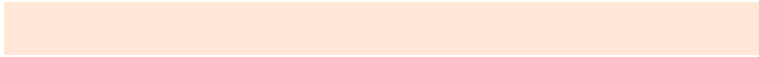
93, 12.440, 241.075



93, 12.440, 291.075

Sweetspot

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



93, 12.346, 61.469



98, 3.733, 62.465



90, 19.515, 339.069



52, 2.553, 62.412



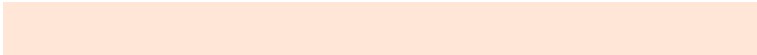
0, 0.000, 0.000



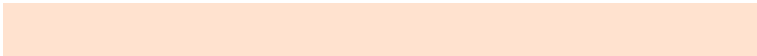
53, 0.007, 296.813

Same Dimension

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



93, 12.346, 61.469



92, 14.851, 61.176



98, 18.306, 103.261



51, 4.309, 62.081



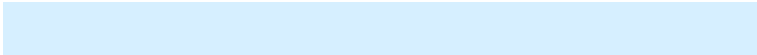
47, 72.400, 52.619



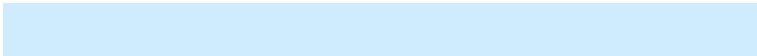
14, 27.517, 51.614

Inverse Universe

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



93, 11.516, 245.044



92, 13.649, 245.470



88, 18.808, 286.897



51, 4.144, 244.239



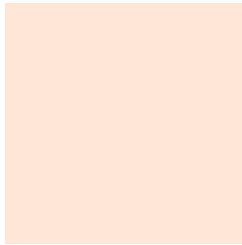
47, 46.931, 271.576



14, 19.687, 264.363

Previews

White Background



This preview shows how the CIE LCh color 93, 12.440, 61.075 looks on a white background.

Color Contrast Check

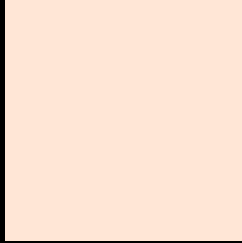
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIELCh color 93, 12.440, 61.075 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

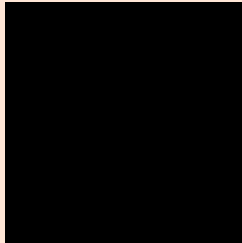
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 93, 12.440, 61.075

Background



This preview shows how black text looks on a background with the CIELCh color 93, 12.440, 61.075.

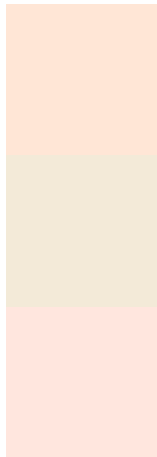


This preview shows how white text looks on a background with the CIELCh color 93, 12.440, 61.075.

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, 12.440, 61.075

Protanopia

93, 9.812, 89.705

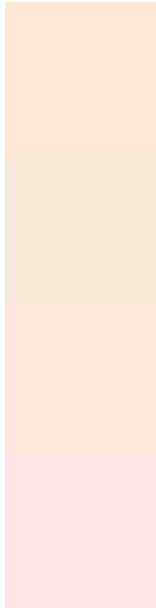
Deuteranopia

93, 10.068, 43.948



Tritanopia
93, 12.051, 343.511

Trichromacy



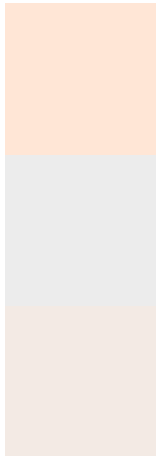
Original Color
93, 12.440, 61.075

Protanomaly
93, 10.592, 80.180

Deuteranomaly
93, 10.834, 51.248

Tritanomaly
93, 9.533, 10.728

Monochromacy



Original Color
93, 12.440, 61.075

Achromatopsia
93, 0.011, 296.813

Achromatomaly
93, 4.458, 63.150

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 93, 12.440, 61.075 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, 214)` looks like.

```
.text, #text, p{  
    color:rgb(255, 230, 214)  
}
```

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, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 230, 214) }
```

Border

The CSS property to change the border of an element to CIELCh 93, 12.440, 61.075 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, 214) }
```

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

```
.border{ border-color:rgb(255, 230, 214) }
```

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, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 230, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 230, 214);  
box-shadow:4px 4px 4px 4px rgb(255, 230,  
214) }
```

Background

The CSS property to change the background color of an element to CIELCh 93, 12.440, 61.075 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, 214) }
```

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

```
.background{ background-color: rgb(255,  
230, 214) }
```

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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