

Converting Colors

CIELCh(93, 12.360, 60.172)

Have a look what the booklet for
CIELCh(93, 12.360, 60.172) contains.

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Color

CIELCh(93, 12.092, 59.327)

Conversions

Conversions Part 1

Format	Color
Hex	FFE6D7
RGB	255, 230, 215
RGB Percent	100%, 90%, 84%
CMY	0.0000, 0.0970, 0.1559
CMYK	0.00, 0.10, 0.16, 0.00
HSL	23°, 100%, 92%
HSV	23°, 16%, 100%
XYZ	82.0047, 82.9670, 76.1537
YIQ	235.7650, 19.7150, 0.6350

Conversions

Conversions Part 2

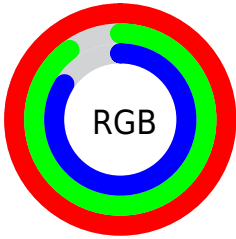
Format	Color
R_{YB}	255, 239, 215
Decimal	16770775
CIE _{Lab}	93.00, 6.17, 10.40
CIE _{LCh}	93, 12.092, 59.327
Yxy	82.9670, 0.3401, 0.3441
Android (android.graphics.Color)	4294960855 (0xFFFFE6D7)
YUV	235.7650, -10.2371, 16.8691
Hunter-Lab	91.0862, 1.3022, 14.1903

Details

The CIELCh color `93, 12.092, 59.327` is a light color, and the websafe version is hex `FFCCCC`. A complement of this color would be `93, 11.183, 242.977`, 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, 12.215, 61.324` is the 20% darker color. If you saturate the color by 10%, you get `89, 20.406, 58.746`, and if you desaturate by 10%, it is `97, 4.163, 60.503`.

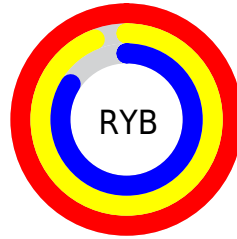
Distribution



Red (100%)

Green (90%)

Blue (84%)



Red (100%)

Yellow (94%)

Blue (84%)

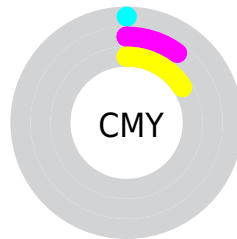


Cyan (0%)

Magenta (10%)

Yellow (16%)

Black (0%)



Cyan (0%)

Magenta (10%)

Yellow (16%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 93, 12.092, 59.327 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, 12.092, 59.327 by changing the saturation by 10% instead.

 93, 12.092, 59.327

 93, 12.092, 59.327

 100, 12.092,
59.327

 83, 12.092, 59.327

 73, 12.092, 59.327

 63, 12.092, 59.327

 53, 12.092, 59.327

 43, 12.092, 59.327

 33, 12.092, 59.327

 23, 12.092, 59.327

 13, 12.092, 59.327

 3, 12.092, 59.327

93, 12.092, 59.327

93, 12.092, 59.327

89, 20.406, 58.746

97, 4.163, 60.503

84, 29.382, 57.882

100, 0.012,
296.813

80, 38.963, 57.072

76, 49.121, 56.319

72, 59.723, 55.596

69, 70.423, 54.813

65, 80.452, 53.740

63, 88.408, 51.923

61, 91.224, 50.949

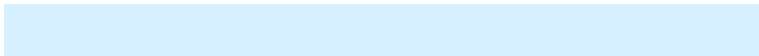
Harmonies

Complementary

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



93, 12.092, 59.327



93, 11.183, 242.977

Rectangle

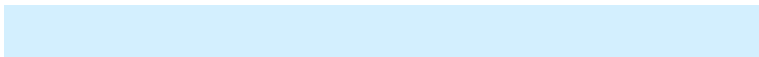
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



93, 12.092, 59.327



93, 12.092, 109.327



93, 12.092, 239.327



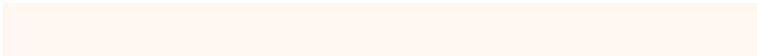
93, 12.092, 289.327

Sweetspot

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



93, 12.014, 59.643



98, 3.719, 60.544



90, 19.283, 338.267



52, 2.543, 60.495



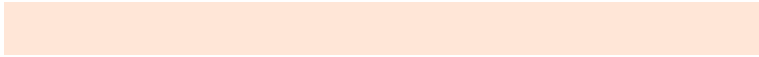
0, 0.000, 0.000



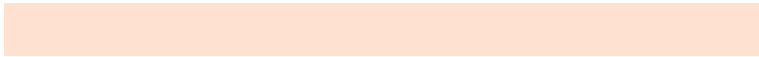
53, 0.007, 296.813

Same Dimension

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



93, 12.014, 59.643



91, 14.816, 59.335



98, 17.584, 102.424



51, 4.294, 60.186



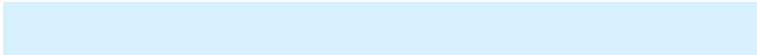
47, 73.036, 51.609



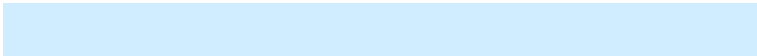
14, 27.661, 50.194

Inverse Universe

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



93, 11.183, 242.977



92, 13.551, 243.434



89, 18.025, 286.020



51, 4.120, 242.254



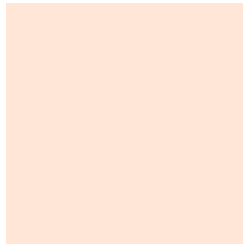
48, 45.464, 269.271



15, 19.188, 262.017

Previews

White Background



This preview shows how the CIE LCh color 93, 12.092, 59.327 looks on a white background.

Color Contrast Check

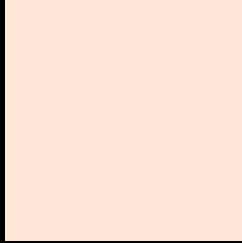
Large Text (above 18pt) WCAG AA × Fail

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, 12.092, 59.327 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

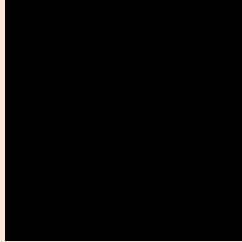
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 93, 12.092, 59.327

Background



This preview shows how black text looks on a background with the CIELCh color 93, 12.092, 59.327.

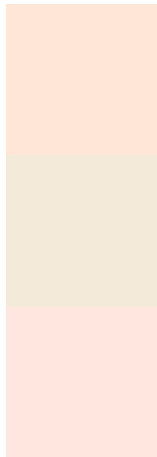


This preview shows how white text looks on a background with the CIELCh color 93, 12.092, 59.327.

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, 12.092, 59.327

Protanopia

93, 9.327, 88.709

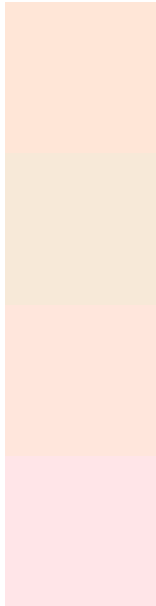
Deuteranopia

93, 9.854, 41.275



Tritanopia
93, 12.051, 343.511

Trichromacy



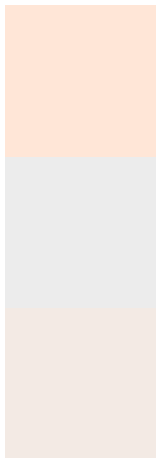
Original Color
93, 12.092, 59.327

Protanomaly
93, 10.141, 78.838

Deuteranomaly
93, 10.560, 48.936

Tritanomaly
93, 9.533, 10.728

Monochromacy



Original Color
93, 12.092, 59.327

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, 12.092, 59.327 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, 215)` looks like.

```
.text, #text, p{  
    color:rgb(255, 230, 215)  
}
```

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, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 230, 215) }
```

Border

The CSS property to change the border of an element to CIELCh 93, 12.092, 59.327 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, 215) }
```

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

```
.border{ border-color:rgb(255, 230, 215) }
```

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, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 230, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 230, 215);  
box-shadow:4px 4px 4px 4px rgb(255, 230,  
215) }
```

Background

The CSS property to change the background color of an element to CIELCh 93, 12.092, 59.327 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, 215) }
```

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

```
.background{ background-color: rgb(255,  
230, 215) }
```

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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