

Converting Colors

CIE LCh(93, 27.605, 93.448)

Have a look what the booklet for
CIELCh(93, 27.605, 93.448) contains.

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Color

CIELCh(93, 27.558, 93.319)

Conversions

Conversions Part 1

Format	Color
Hex	FCEAB6
RGB	252, 234, 182
RGB Percent	99%, 92%, 71%
CMY	0.0115, 0.0821, 0.2860
CMYK	0.00, 0.07, 0.28, 0.01
HSL	45°, 92%, 85%
HSV	45°, 28%, 99%
XYZ	78.0570, 82.9670, 56.1875
YIQ	233.4540, 27.4200, -12.3560

Conversions

Conversions Part 2

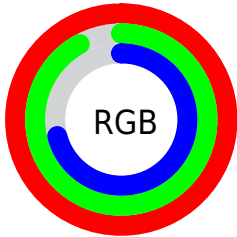
Format	Color
R _Y B	206, 252, 182
Decimal	16575158
CIE Lab	93.00, -1.60, 27.51
CIE LCh	93, 27.558, 93.319
Yxy	82.9670, 0.3594, 0.3820
Android (android.graphics.Color)	4294765238 (0xFFFC ^E A ^B 6)
YUV	233.4540, -25.3668, 16.2648
Hunter-Lab	91.0862, -6.4340, 27.1867

Details

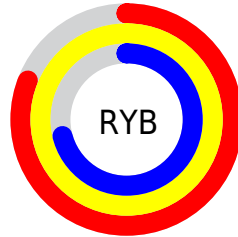
The CIELCh color **93, 27.558, 93.319** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **81, 28.049, 280.822**, and the grayscale version is **93, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 8.605, 109.524**, and **73, 27.321, 92.570** is the 20% darker color. If you saturate the color by 10%, you get **91, 37.622, 92.024**, and if you desaturate by 10%, it is **95, 17.537, 94.588**.

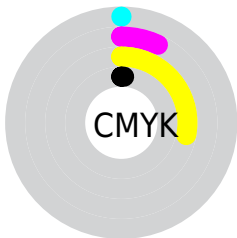
Distribution



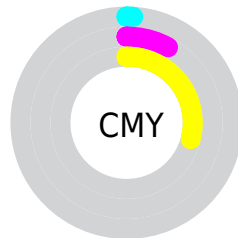
- Red (99%)
- Green (92%)
- Blue (71%)



- Red (81%)
- Yellow (99%)
- Blue (71%)



- Cyan (0%)
- Magenta (7%)
- Yellow (28%)
- Black (1%)



- Cyan (1%)
- Magenta (8%)
- Yellow (29%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 93, 27.558, 93.319 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, 27.558, 93.319 by changing the saturation by 10% instead.

 93, 27.558, 93.319

 93, 27.558, 93.319

 100, 27.558,
93.319

 83, 27.558, 93.319

 73, 27.558, 93.319

 63, 27.558, 93.319

 53, 27.558, 93.319

 43, 27.558, 93.319

 33, 27.558, 93.319

 23, 27.558, 93.319

 13, 27.558, 93.319

 3, 27.558, 93.319

93, 27.558, 93.319

93, 27.558, 93.319

91, 37.622, 92.024

95, 17.537, 94.588

89, 47.609, 90.692

97, 7.614, 95.800

87, 57.303, 89.324

99, 0.913, 256.948

85, 66.327, 87.907

100, 1.021,
199.990

83, 74.062, 86.402

82, 79.658, 84.729

80, 82.402, 82.772

80, 82.807, 82.315

Harmonies

Complementary

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



93, 27.558, 93.319



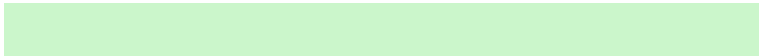
81, 28.049, 280.822

Rectangle

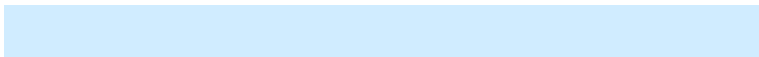
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



93, 27.558, 93.319



93, 27.558, 143.319



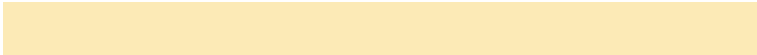
93, 27.558, 273.319



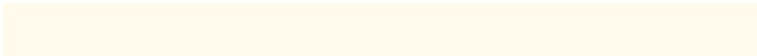
93, 27.558, 323.319

Sweetspot

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



93, 27.559, 93.325



98, 7.913, 95.773



81, 28.007, 1.388



52, 5.630, 95.595



0, 0.000, 0.000



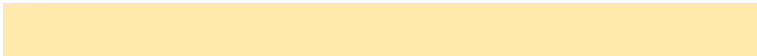
53, 0.007, 296.813

Same Dimension

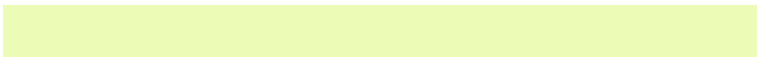
The Same Dimension uses a secret algorithm to generate beautiful new colors.



93, 27.559, 93.325



93, 33.131, 92.647



96, 35.863, 117.459



51, 5.538, 95.597



61, 66.702, 82.733



20, 28.177, 85.309

Inverse Universe

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



81, 28.049, 280.822



78, 33.872, 281.807



78, 38.090, 301.421



49, 5.577, 277.974



29, 87.277, 300.360



6, 33.928, 294.970

Previews

White Background



This preview shows how the CIE LCh color 93, 27.558, 93.319 looks on a white background.

Color Contrast Check

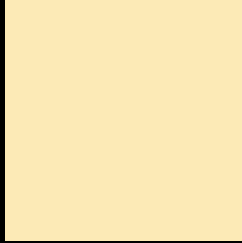
Large Text (above 18pt) WCAG AA × Fail

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, 27.558, 93.319 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

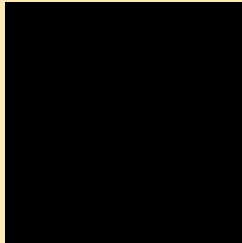
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 93, 27.558, 93.319

Background



This preview shows how black text looks on a background with the CIELCh color 93, 27.558, 93.319.

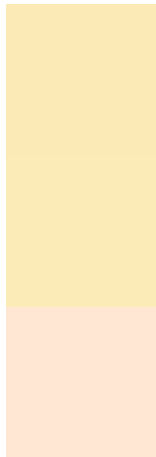


This preview shows how white text looks on a background with the CIELCh color 93, 27.558, 93.319.

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, 27.558, 93.319

Protanopia

93, 27.837, 95.096

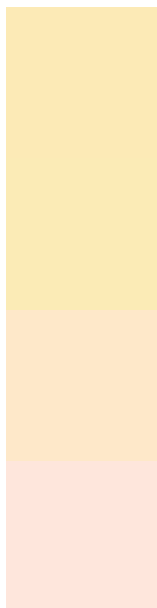
Deuteranopia

93, 13.275, 66.922



Tritanopia
93, 12.051, 343.511

Trichromacy



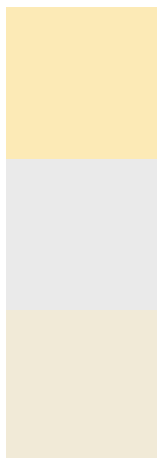
Original Color
93, 27.558, 93.319

Protanomaly
93, 27.837, 95.096

Deuteranomaly
93, 18.012, 81.287

Tritanomaly
93, 10.233, 49.941

Monochromacy



Original Color
93, 27.558, 93.319

Achromatopsia
93, 0.011, 296.813

Achromatomaly
93, 10.089, 94.596

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 93, 27.558, 93.319 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(252, 234, 182)` looks like.

```
.text, #text, p{  
    color:rgb(252, 234, 182)  
}
```

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(252, 234, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 234, 182) }
```

Border

The CSS property to change the border of an element to CIELCh 93, 27.558, 93.319 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(252, 234, 182) }
```

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

```
.border{ border-color:rgb(252, 234, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(252, 234, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 234, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 234, 182);  
box-shadow:4px 4px 4px 4px rgb(252, 234,  
182) }
```

Background

The CSS property to change the background color of an element to CIELCh 93, 27.558, 93.319 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 234, 182) }
```

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

```
.background{ background-color: rgb(252,  
234, 182) }
```

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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