

Converting Colors

CIELCh(93, 36.231, 97.233)

Have a look what the booklet for
CIELCh(93, 36.231, 97.233) contains.

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Color

CIELCh(93, 36.258, 97.218)

Conversions

Conversions Part 1

Format	Color
Hex	FBEBA5
RGB	251, 235, 165
RGB Percent	98%, 92%, 65%
CMY	0.0140, 0.0768, 0.3514
CMYK	0.00, 0.06, 0.34, 0.01
HSL	49°, 92%, 82%
HSV	49°, 34%, 99%
XYZ	76.5859, 82.9670, 47.7596
YIQ	231.8040, 32.0060, -18.3780

Conversions

Conversions Part 2

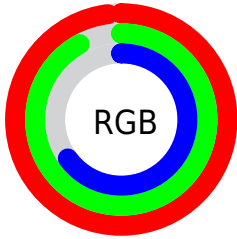
Format	Color
RYB	185, 251, 165
Decimal	16509861
CIELab	93.00, -4.56, 35.97
CIElCh	93, 36.258, 97.218
Yxy	82.9670, 0.3694, 0.4002
Android (android.graphics.Color)	4294699941 (0xFFFFBEBA5)
YUV	231.8040, -32.9344, 16.8349
Hunter-Lab	91.0862, -9.3169, 32.6726

Details

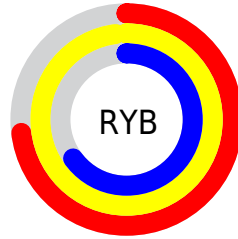
The CIELCh color **93, 36.258, 97.218** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **75, 37.963, 286.254**, and the grayscale version is **92, 0.011, 296.813**.

A 20% lighter version of the original color is **99, 17.195, 108.877**, and **73, 36.250, 97.182** is the 20% darker color. If you saturate the color by 10%, you get **91, 46.728, 96.002**, and if you desaturate by 10%, it is **95, 25.650, 98.425**.

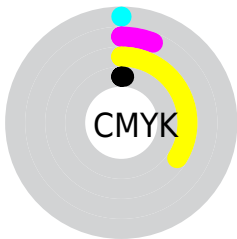
Distribution



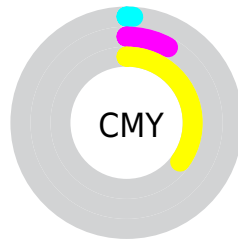
- Red (98%)
- Green (92%)
- Blue (65%)



- Red (73%)
- Yellow (98%)
- Blue (65%)



- Cyan (0%)
- Magenta (6%)
- Yellow (34%)
- Black (1%)



- Cyan (1%)
- Magenta (8%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 93, 36.258, 97.218 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, 36.258, 97.218 by changing the saturation by 10% instead.

93, 36.258, 97.218

93, 36.258, 97.218

100, 36.258,
97.218

83, 36.258, 97.218

73, 36.258, 97.218

63, 36.258, 97.218

53, 36.258, 97.218

43, 36.258, 97.218

33, 36.258, 97.218

23, 36.258, 97.218

13, 36.258, 97.218

3, 36.258, 97.218

93, 36.258, 97.218

93, 36.258, 97.218

91, 46.728, 96.002

95, 25.650, 98.425

90, 56.851, 94.771

96, 15.019, 99.599

89, 66.278, 93.533

98, 4.432, 100.716

87, 74.461, 92.283

100, 1.038,
225.462

86, 80.642, 90.996

100, 1.244,
199.859

85, 84.074, 89.619

84, 84.946, 88.771

Harmonies

Complementary

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



93, 36.258, 97.218



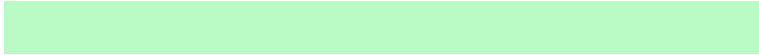
75, 37.963, 286.254

Rectangle

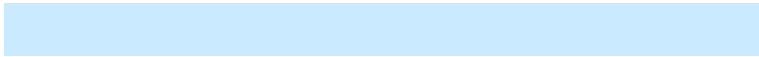
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



93, 36.258, 97.218



93, 36.258, 147.218



93, 36.258, 277.218



93, 36.258, 327.218

Sweetspot

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



93, 36.259, 97.222



98, 10.668, 100.081



77, 34.245, 7.288



52, 7.282, 99.921



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

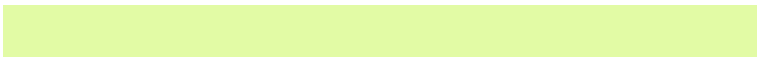
The Same Dimension uses a secret algorithm to generate beautiful new colors.



93, 36.259, 97.222



93, 43.885, 96.392



95, 44.373, 119.798



51, 5.964, 100.139



65, 68.575, 89.051



21, 29.637, 91.088

Inverse Universe

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



75, 37.963, 286.254



71, 46.544, 287.617



73, 47.630, 304.219



48, 6.039, 282.379



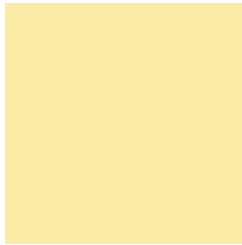
26, 94.825, 302.917



5, 36.482, 297.222

Previews

White Background



This preview shows how the CIE LCh color 93, 36.258, 97.218 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, 36.258, 97.218 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, 36.258, 97.218

Background



This preview shows how black text looks on a background with the CIELCh color 93, 36.258, 97.218.

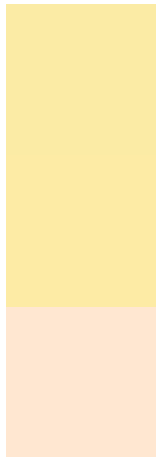


This preview shows how white text looks on a background with the CIELCh color 93, 36.258, 97.218.

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, 36.258, 97.218

Protanopia

93, 36.416, 95.982

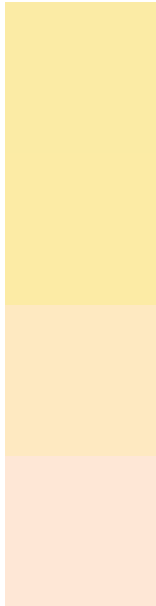
Deuteranopia

93, 14.481, 70.819



Tritanopia
93, 11.758, 345.534

Trichromacy



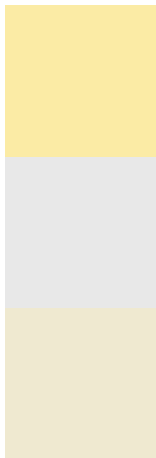
Original Color
93, 36.258, 97.218

Protanomaly
93, 36.335, 96.599

Deuteranomaly
93, 22.084, 87.128

Tritanomaly
93, 12.243, 65.128

Monochromacy



Original Color
93, 36.258, 97.218

Achromatopsia
92, 0.011, 296.813

Achromatomaly
92, 13.043, 99.296

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 93, 36.258, 97.218 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(251, 235, 165)` looks like.

```
.text, #text, p{  
    color:rgb(251, 235, 165)  
}
```

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(251, 235, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 235, 165) }
```

Border

The CSS property to change the border of an element to CIELCh 93, 36.258, 97.218 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(251, 235, 165) }
```

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

```
.border{ border-color:rgb(251, 235, 165) }
```

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

Here you see how a box with a 4 pixel rgb(251, 235, 165) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 235, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 235, 165);  
box-shadow:4px 4px 4px 4px rgb(251, 235,  
165) }
```

Background

The CSS property to change the background color of an element to CIELCh 93, 36.258, 97.218 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 235, 165) }
```

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

```
.background{ background-color: rgb(251,  
235, 165) }
```

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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