

Converting Colors

CIELCh(100, 45.150, 63.000)

Have a look what the booklet for
CIELCh(100, 45.150, 63.000)
contains.

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Color

CIELCh(94, 31.709, 96.339)

Conversions

Conversions Part 1

Format	Color
Hex	FEEEE1
RGB	254, 238, 177
RGB Percent	100%, 93%, 69%
CMY	0.0046, 0.0672, 0.3062
CMYK	0.00, 0.06, 0.30, 0.00
HSL	48°, 97%, 84%
HSV	48°, 30%, 100%
XYZ	79.2659, 85.2715, 53.8264
YIQ	235.8300, 29.1170, -15.5790

Conversions

Conversions Part 2

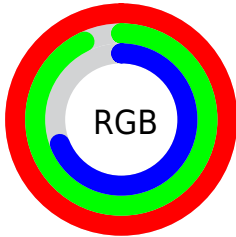
Format	Color
RYB	197, 254, 177
Decimal	16707249
CIELab	94.00, -3.50, 31.52
CIElCh	94, 31.709, 96.339
Yxy	85.2715, 0.3630, 0.3905
Android (android.graphics.Color)	4294897329 (0xFFFEEB1)
YUV	235.8300, -29.0032, 15.9351
Hunter-Lab	92.3426, -8.3770, 30.0797

Details

The CIELCh color **94, 31.709, 96.339** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **79, 32.803, 284.324**, and the grayscale version is **93, 0.011, 296.813**.

A 20% lighter version of the original color is **99, 11.136, 109.335**, and **74, 31.550, 96.455** is the 20% darker color. If you saturate the color by 10%, you get **92, 42.172, 95.099**, and if you desaturate by 10%, it is **96, 21.193, 97.563**.

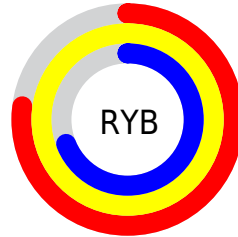
Distribution



Red (100%)

Green (93%)

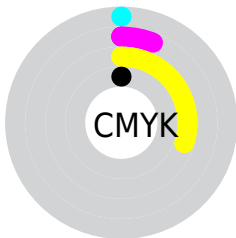
Blue (69%)



Red (77%)

Yellow (100%)

Blue (69%)

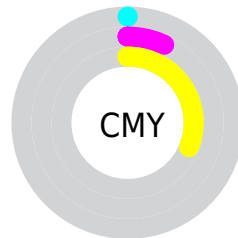


Cyan (0%)

Magenta (6%)

Yellow (30%)

Black (0%)



Cyan (0%)

Magenta (7%)

Yellow (31%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 94, 31.709, 96.339 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 94, 31.709, 96.339 by changing the saturation by 10% instead.

 94, 31.709, 96.339

 94, 31.709, 96.339

 100, 31.709,
96.339

 84, 31.709, 96.339

 74, 31.709, 96.339

 64, 31.709, 96.339

 54, 31.709, 96.339

 44, 31.709, 96.339

 34, 31.709, 96.339

 24, 31.709, 96.339

 14, 31.709, 96.339

 4, 31.709, 96.339

94, 31.709, 96.339

94, 31.709, 96.339

92, 42.172, 95.099

96, 21.193, 97.563

91, 52.418, 93.834

98, 10.708, 98.744

89, 62.173, 92.552

100, 0.302, 99.275

88, 70.974, 91.246

100, 0.409,
200.998

86, 78.129, 89.892

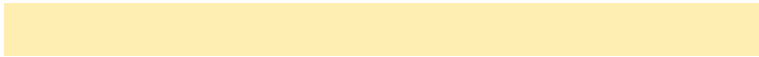
85, 82.806, 88.432

83, 84.727, 86.860

Harmonies

Complementary

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



94, 31.709, 96.339



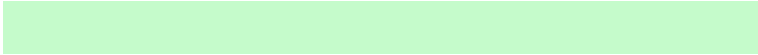
79, 32.803, 284.324

Rectangle

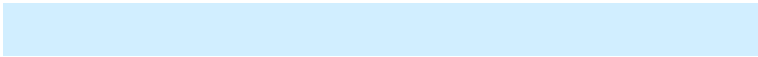
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



94, 31.709, 96.339



94, 31.709, 146.339



94, 31.709, 276.339



94, 31.709, 326.339

Sweetspot

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



94, 31.710, 96.344



98, 9.383, 98.893



80, 30.436, 5.434



52, 6.525, 98.726



0, 0.000, 0.000



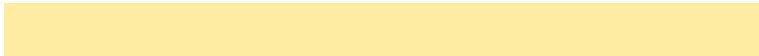
53, 0.007, 296.813

Same Dimension

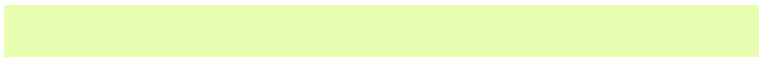
The Same Dimension uses a secret algorithm to generate beautiful new colors.



94, 31.710, 96.344



93, 37.827, 95.636



96, 39.593, 119.350



52, 5.929, 98.835



65, 68.586, 87.173



22, 30.307, 89.298

Inverse Universe

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



79, 32.803, 284.324



75, 39.467, 285.406



76, 42.165, 303.334



49, 5.995, 281.122



27, 93.689, 302.253



6, 37.371, 297.382

Previews

White Background



This preview shows how the CIELCh color 94, 31.709, 96.339 looks on a white background.

Color Contrast Check

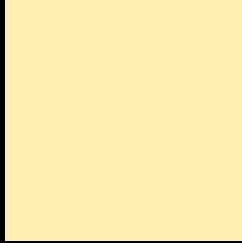
Large Text (above 18pt) WCAG AA × Fail

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 94, 31.709, 96.339 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

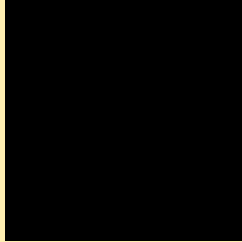
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 94, 31.709, 96.339

Background



This preview shows how black text looks on a background with the CIELCh color 94, 31.709, 96.339.



This preview shows how white text looks on a background with the CIELCh color 94, 31.709, 96.339.

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

94, 31.733, 96.325

Protanopia

94, 31.437, 94.778

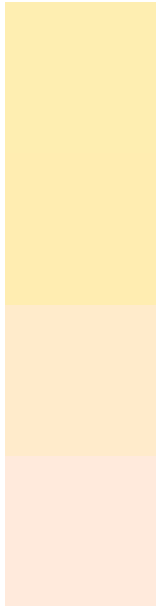
Deuteranopia

94, 11.304, 66.111



Tritanopia
94, 10.269, 343.197

Trichromacy



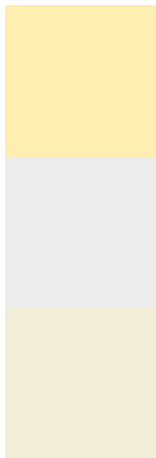
Original Color
94, 31.733, 96.325

Protanomaly
94, 31.437, 94.778

Deuteranomaly
94, 18.087, 84.138

Tritanomaly
94, 10.561, 62.441

Monochromacy



Original Color
94, 31.733, 96.325

Achromatopsia
93, 0.011, 296.813

Achromatomaly
94, 11.423, 100.004

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 94, 31.709, 96.339 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(254, 238, 177)` looks like.

```
.text, #text, p{  
    color:rgb(254, 238, 177)  
}
```

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(254, 238, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 238, 177) }
```

Border

The CSS property to change the border of an element to CIELCh 94, 31.709, 96.339 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(254, 238, 177) }
```

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

```
.border{ border-color:rgb(254, 238, 177) }
```

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

Here you see how a box with a 4 pixel rgb(254, 238, 177) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 238, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 238, 177);  
box-shadow:4px 4px 4px 4px rgb(254, 238,  
177) }
```

Background

The CSS property to change the background color of an element to CIELCh 94, 31.709, 96.339 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 238, 177) }
```

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

```
.background{ background-color: rgb(254,  
238, 177) }
```

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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