

Converting Colors

CIELCh(94, 25.639, 90.683)

Have a look what the booklet for
CIELCh(94, 25.639, 90.683) contains.

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Color

CIELCh(94, 25.656, 91.597)

Conversions

Conversions Part 1

Format	Color
Hex	FFECBC
RGB	255, 236, 188
RGB Percent	100%, 93%, 74%
CMY	0.0000, 0.0726, 0.2609
CMYK	0.00, 0.07, 0.26, 0.00
HSL	43°, 100%, 87%
HSV	43°, 26%, 100%
XYZ	80.6819, 85.2715, 60.0446
YIQ	236.2090, 26.7320, -10.9000

Conversions

Conversions Part 2

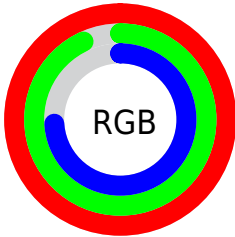
Format	Color
R _Y B	215, 255, 188
Decimal	16772284
CIE Lab	94.00, -0.72, 25.65
CIE LCh	94, 25.656, 91.597
Yxy	85.2715, 0.3570, 0.3773
Android (android.graphics.Color)	4294962364 (0xFFFFEBCBC)
YUV	236.2090, -23.7670, 16.4797
Hunter-Lab	92.3426, -5.6398, 26.0872

Details

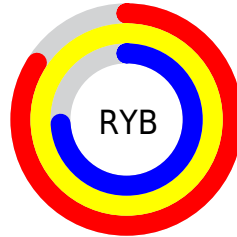
The CIELCh color **94, 25.656, 91.597** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **83, 25.875, 279.108**, and the grayscale version is **94, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 5.566, 109.748**, and **74, 25.845, 91.038** is the 20% darker color. If you saturate the color by 10%, you get **92, 35.608, 90.696**, and if you desaturate by 10%, it is **96, 15.677, 93.291**.

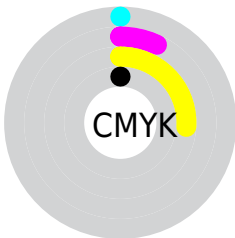
Distribution



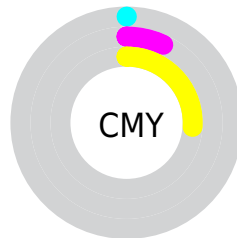
- Red (100%)
- Green (93%)
- Blue (74%)



- Red (84%)
- Yellow (100%)
- Blue (74%)



- Cyan (0%)
- Magenta (7%)
- Yellow (26%)
- Black (0%)



- Cyan (0%)
- Magenta (7%)
- Yellow (26%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 94, 25.656, 91.597 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, 25.656, 91.597 by changing the saturation by 10% instead.

 94, 25.656, 91.597

 94, 25.656, 91.597

 100, 25.656,
91.597

 84, 25.656, 91.597

 74, 25.656, 91.597

 64, 25.656, 91.597

 54, 25.656, 91.597

 44, 25.656, 91.597

 34, 25.656, 91.597

 24, 25.656, 91.597

 14, 25.656, 91.597

 4, 25.656, 91.597

94, 25.656, 91.597

94, 25.656, 91.597

92, 35.608, 90.696

96, 15.677, 93.291

90, 45.600, 89.341

99, 5.884, 94.506

88, 55.390, 87.947

100, 0.012,
296.813

86, 64.641, 86.498

84, 72.781, 84.952

82, 78.972, 83.222

80, 82.343, 81.172

79, 83.091, 80.299

Harmonies

Complementary

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



94, 25.656, 91.597



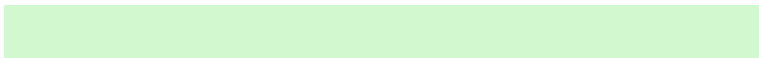
83, 25.875, 279.108

Rectangle

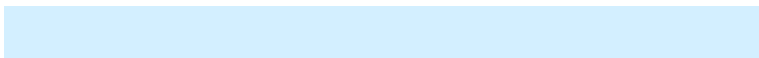
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



94, 25.656, 91.597



94, 25.656, 141.597



94, 25.656, 271.597



94, 25.656, 321.597

Sweetspot

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



94, 25.601, 92.014



98, 7.740, 94.283



83, 26.645, 359.963



52, 5.508, 94.103



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

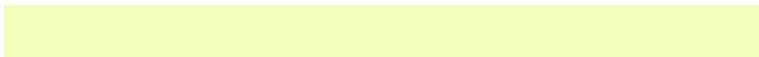
The Same Dimension uses a secret algorithm to generate beautiful new colors.



94, 25.601, 92.014



93, 30.506, 91.372



98, 33.968, 116.880



52, 5.508, 94.103



61, 66.997, 80.750



20, 28.938, 83.369

Inverse Universe

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



83, 25.875, 279.108



80, 30.917, 280.016



80, 35.965, 300.697



50, 5.537, 276.523



30, 85.744, 299.466



7, 34.393, 294.656

Previews

White Background



This preview shows how the CIE LCh color 94, 25.656, 91.597 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, 25.656, 91.597 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

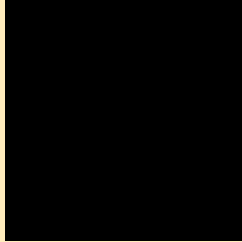
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 94, 25.656, 91.597

Background



This preview shows how black text looks on a background with the CIELCh color 94, 25.656, 91.597.



This preview shows how white text looks on a background with the CIELCh color 94, 25.656, 91.597.

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, 25.656, 91.597

Protanopia

94, 25.317, 94.135

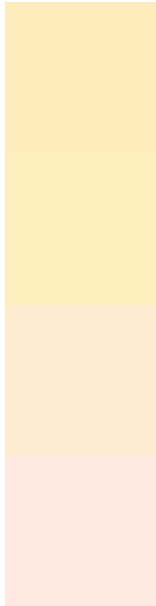
Deuteranopia

94, 10.927, 64.340



Tritanopia
94, 10.867, 342.193

Trichromacy



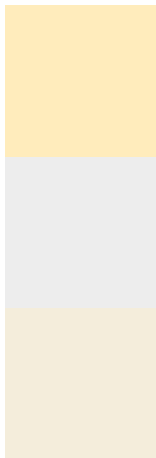
Original Color
94, 25.656, 91.597

Protanomaly
94, 25.417, 93.287

Deuteranomaly
94, 15.766, 80.621

Tritanomaly
94, 9.286, 49.558

Monochromacy



Original Color
94, 25.656, 91.597

Achromatopsia
94, 0.011, 296.813

Achromatomaly
94, 9.567, 93.890

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 94, 25.656, 91.597 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, 236, 188)` looks like.

```
.text, #text, p{  
    color:rgb(255, 236, 188)  
}
```

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, 236, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 236, 188) }
```

Border

The CSS property to change the border of an element to CIELCh 94, 25.656, 91.597 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, 236, 188) }
```

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

```
.border{ border-color:rgb(255, 236, 188) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 236, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 236, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 236, 188);  
box-shadow:4px 4px 4px 4px rgb(255, 236,  
188) }
```

Background

The CSS property to change the background color of an element to CIELCh 94, 25.656, 91.597 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 236, 188) }
```

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

```
.background{ background-color: rgb(255,  
236, 188) }
```

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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