

Converting Colors

CIELCh(91, 41.717, 95.791)

Have a look what the booklet for
CIELCh(91, 41.717, 95.791) contains.

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Color

CIELCh(91, 41.654, 95.611)

Conversions

Conversions Part 1

Format	Color
Hex	F9E595
RGB	249, 229, 149
RGB Percent	98%, 90%, 58%
CMY	0.0228, 0.1013, 0.4150
CMYK	0.00, 0.08, 0.40, 0.02
HSL	48°, 90%, 78%
HSV	48°, 40%, 98%
XYZ	72.6373, 78.4833, 39.8232
YIQ	225.8600, 37.6000, -20.6400

Conversions

Conversions Part 2

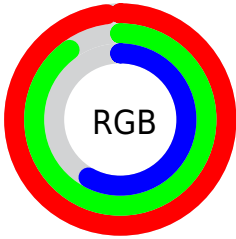
Format	Color
R _Y B	174, 249, 149
Decimal	16377237
CIE Lab	91.00, -4.07, 41.45
CIE LCh	91, 41.654, 95.611
Yxy	78.4833, 0.3804, 0.4110
Android (android.graphics.Color)	4294567317 (0xFFFF9E595)
YUV	225.8600, -37.8920, 20.2938
Hunter-Lab	88.5908, -8.6784, 35.3616

Details

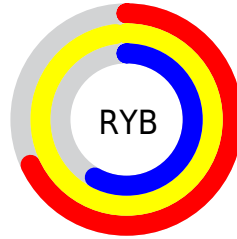
The CIELCh color **91, 41.654, 95.611** is a light color, and the websafe version is hex **FFFF99**. A complement of this color would be **71, 43.882, 286.665**, and the grayscale version is **90, 0.011, 296.813**.

A 20% lighter version of the original color is **99, 25.735, 108.225**, and **71, 41.684, 95.820** is the 20% darker color. If you saturate the color by 10%, you get **89, 51.798, 94.364**, and if you desaturate by 10%, it is **93, 31.291, 96.848**.

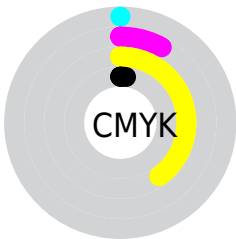
Distribution



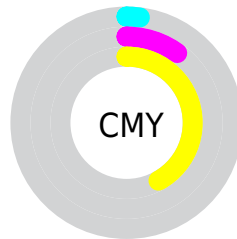
- Red (98%)
- Green (90%)
- Blue (58%)



- Red (68%)
- Yellow (98%)
- Blue (58%)



- Cyan (0%)
- Magenta (8%)
- Yellow (40%)
- Black (2%)



- Cyan (2%)
- Magenta (10%)
- Yellow (42%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 91, 41.654, 95.611 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 91, 41.654, 95.611 by changing the saturation by 10% instead.

 91, 41.654, 95.611

 91, 41.654, 95.611

 100, 41.654,
95.611

 81, 41.654, 95.611

 71, 41.654, 95.611

 61, 41.654, 95.611

 51, 41.654, 95.611

 41, 41.654, 95.611

 31, 41.654, 95.611

 21, 41.654, 95.611

 11, 41.654, 95.611

 1, 41.654, 95.611

91, 41.654, 95.611

91, 41.654, 95.611

89, 51.798, 94.364

93, 31.291, 96.848

88, 61.447, 93.100

94, 20.864, 98.056

86, 70.149, 91.817

96, 10.461, 99.228

85, 77.230, 90.495

98, 0.130, 98.963

84, 81.878, 89.084

99, 1.761, 214.803

82, 83.833, 87.550

100, 2.018,
199.606

Harmonies

Complementary

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



91, 41.654, 95.611



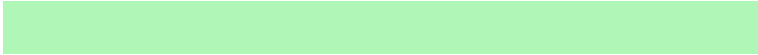
71, 43.882, 286.665

Rectangle

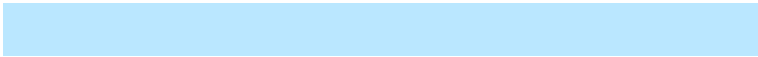
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



91, 41.654, 95.611



91, 41.654, 145.611



91, 41.654, 275.611



91, 41.654, 325.611

Sweetspot

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



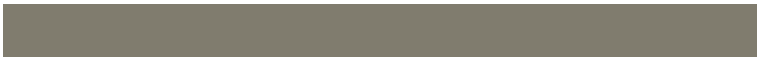
91, 41.655, 95.615



98, 12.628, 99.012



73, 40.280, 8.300



52, 8.381, 98.860



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

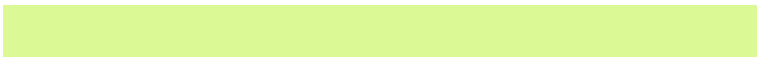
The Same Dimension uses a secret algorithm to generate beautiful new colors.



91, 41.655, 95.615



92, 50.596, 94.625



94, 51.402, 119.467



51, 5.877, 99.301



64, 68.133, 87.848



21, 29.330, 90.008

Inverse Universe

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



71, 43.882, 286.665



67, 54.186, 288.426



68, 55.989, 304.735



49, 5.946, 281.568



27, 93.449, 302.478



5, 36.024, 296.851

Previews

White Background



This preview shows how the CIE LCh color 91, 41.654, 95.611 looks on a white background.

Color Contrast Check

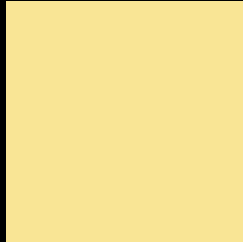
Large Text (above 18pt) WCAG AA × Fail

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 91, 41.654, 95.611 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

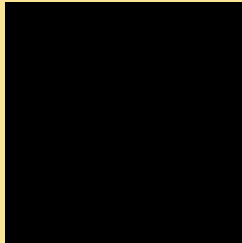
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 91, 41.654, 95.611

Background



This preview shows how black text looks on a background with the CIELCh color 91, 41.654, 95.611.



This preview shows how white text looks on a background with the CIELCh color 91, 41.654, 95.611.

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


91, 41.654, 95.611

Protanopia

91, 41.654, 95.611

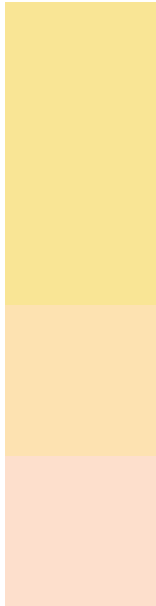
Deuteranopia

91, 20.050, 72.370



Tritanopia
91, 14.800, 348.919

Trichromacy



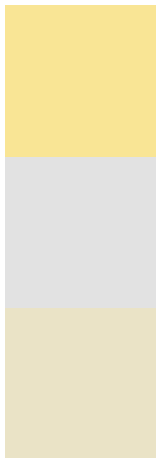
Original Color
91, 41.654, 95.611

Protanomaly
91, 41.654, 95.611

Deuteranomaly
91, 27.466, 85.389

Tritanomaly
91, 15.045, 60.475

Monochromacy



Original Color
91, 41.654, 95.611

Achromatopsia
90, 0.011, 296.813

Achromatomaly
90, 15.208, 98.964

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 91, 41.654, 95.611 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(249, 229, 149)` looks like.

```
.text, #text, p{  
    color:rgb(249, 229, 149)  
}
```

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(249, 229, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 229, 149) }
```

Border

The CSS property to change the border of an element to CIELCh 91, 41.654, 95.611 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(249, 229, 149) }
```

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

```
.border{ border-color:rgb(249, 229, 149) }
```

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

Here you see how a box with a 4 pixel `rgb(249, 229, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(249, 229, 149); -webkit-box-shadow:4px 4px 4px 4px rgb(249, 229, 149); box-shadow:4px 4px 4px 4px rgb(249, 229, 149) }
```

Background

The CSS property to change the background color of an element to CIELCh 91, 41.654, 95.611 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 229, 149) }
```

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

```
.background{ background-color: rgb(249,  
229, 149) }
```

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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