

Converting Colors

CIELCh(90, 30.278, 97.081)

Have a look what the booklet for
CIELCh(90, 30.278, 97.081) contains.

CIELCh(90, 30.350, 97.235)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(90, 30.350, 97.235)

Conversions

Conversions Part 1

Format	Color
Hex	F1E3A9
RGB	241, 227, 169
RGB Percent	95%, 89%, 66%
CMY	0.0560, 0.1108, 0.3382
CMYK	0.00, 0.06, 0.30, 0.06
HSL	48°, 72%, 80%
HSV	48°, 30%, 94%
XYZ	70.7191, 76.3034, 48.4131
YIQ	224.5740, 26.9620, -15.0700

Conversions

Conversions Part 2

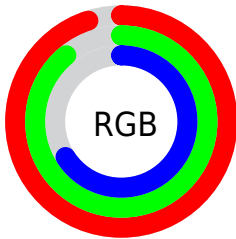
Format	Color
R _Y B	186, 241, 169
Decimal	15852457
CIE Lab	90.00, -3.82, 30.11
CIE LCh	90, 30.350, 97.235
Yxy	76.3034, 0.3619, 0.3904
Android (android.graphics.Color)	4294042537 (0xFFFF1E3A9)
YUV	224.5740, -27.3980, 14.4056
Hunter-Lab	87.3518, -8.3539, 28.2859

Details

The CIELCh color **90, 30.350, 97.235** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **75, 31.482, 284.989**, and the grayscale version is **89, 0.011, 296.813**.

A 20% lighter version of the original color is **99, 15.178, 109.030**, and **70, 30.652, 97.567** is the 20% darker color. If you saturate the color by 10%, you get **88, 40.475, 96.017**, and if you desaturate by 10%, it is **92, 20.162, 98.438**.

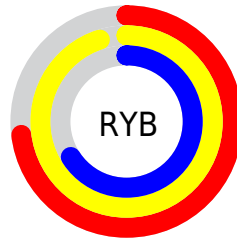
Distribution



Red (95%)

Green (89%)

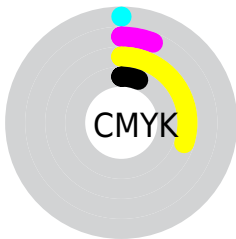
Blue (66%)



Red (73%)

Yellow (95%)

Blue (66%)

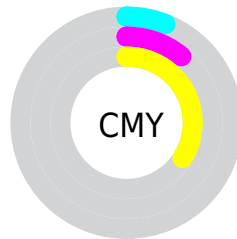


Cyan (0%)

Magenta (6%)

Yellow (30%)

Black (6%)



Cyan (6%)

Magenta (11%)

Yellow (34%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 90, 30.350, 97.235 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 90, 30.350, 97.235 by changing the saturation by 10% instead.

 90, 30.350, 97.235

 90, 30.350, 97.235

 100, 30.350,
97.235

 80, 30.350, 97.235

 70, 30.350, 97.235

 60, 30.350, 97.235

 50, 30.350, 97.235

 40, 30.350, 97.235

 30, 30.350, 97.235

 20, 30.350, 97.235

 10, 30.350, 97.235

 0, 30.350, 97.235

90, 30.350, 97.235

90, 30.350, 97.235

88, 40.475, 96.017

92, 20.162, 98.438

87, 50.380, 94.779

93, 9.993, 99.601

85, 59.804, 93.529

95, 0.110, 282.357

84, 68.313, 92.266

97, 5.128, 272.074

83, 75.261, 90.971

98, 4.049, 237.294

82, 79.869, 89.599

99, 4.849, 200.370

80, 81.880, 88.099

99, 4.914, 199.229

80, 81.896, 88.084

Harmonies

Complementary

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



90, 30.350, 97.235



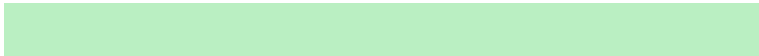
75, 31.482, 284.989

Rectangle

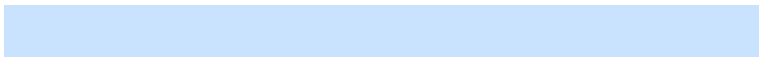
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



90, 30.350, 97.235



90, 30.350, 147.235



90, 30.350, 277.235



90, 30.350, 327.235

Sweetspot

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



90, 30.351, 97.240



98, 9.513, 99.700



76, 28.637, 6.611



52, 6.615, 99.534



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

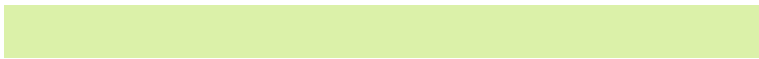
The Same Dimension uses a secret algorithm to generate beautiful new colors.



90, 30.351, 97.240



94, 38.287, 96.483



92, 37.545, 120.053



49, 5.714, 99.649



63, 66.942, 88.372



19, 27.073, 90.723

Inverse Universe

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



75, 31.482, 284.989



75, 40.114, 286.148



73, 39.886, 303.852



47, 5.782, 281.896



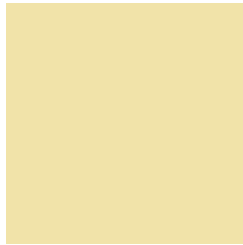
26, 91.968, 302.611



5, 32.738, 294.951

Previews

White Background



This preview shows how the CIE LCh color 90, 30.350, 97.235 looks on a white background.

Color Contrast Check

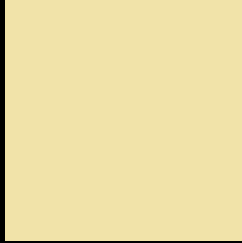
Large Text (above 18pt) WCAG AA × Fail

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 90, 30.350, 97.235 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

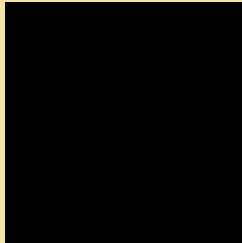
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 90, 30.350, 97.235

Background



This preview shows how black text looks on a background with the CIELCh color 90, 30.350, 97.235.

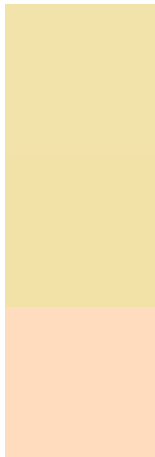


This preview shows how white text looks on a background with the CIELCh color 90, 30.350, 97.235.

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

90, 30.350, 97.235

Protanopia

90, 30.624, 95.028

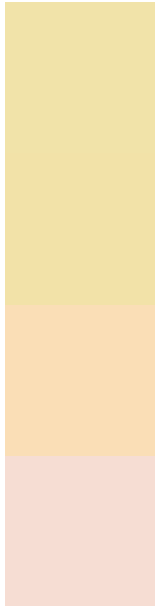
Deuteranopia

90, 20.717, 68.112



Tritanopia
90, 14.210, 342.116

Trichromacy



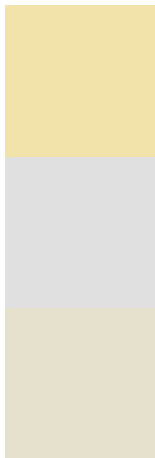
Original Color
90, 30.350, 97.235

Protanomaly
90, 30.535, 95.756

Deuteranomaly
90, 23.481, 80.749

Tritanomaly
90, 10.652, 48.912

Monochromacy



Original Color
90, 30.350, 97.235

Achromatopsia
89, 0.011, 296.813

Achromatomaly
89, 11.025, 99.565

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 90, 30.350, 97.235 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(241, 227, 169)` looks like.

```
.text, #text, p{  
    color:rgb(241, 227, 169)  
}
```

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(241, 227, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 227, 169) }
```

Border

The CSS property to change the border of an element to CIELCh 90, 30.350, 97.235 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(241, 227, 169) }
```

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

```
.border{ border-color:rgb(241, 227, 169) }
```

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

Here you see how a box with a 4 pixel rgb(241, 227, 169) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 227, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 227, 169);  
box-shadow:4px 4px 4px 4px rgb(241, 227,  
169) }
```

Background

The CSS property to change the background color of an element to CIELCh 90, 30.350, 97.235 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 227, 169) }
```

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

```
.background{ background-color: rgb(241,  
227, 169) }
```

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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