

Converting Colors

CIELCh(90, 41.339, 101.838)

Have a look what the booklet for
CIELCh(90, 41.339, 101.838)
contains.

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Color

CIELCh(90, 41.464, 101.746)

Conversions

Conversions Part 1

Format	Color
Hex	EEE594
RGB	238, 229, 148
RGB Percent	93%, 90%, 58%
CMY	0.0669, 0.1022, 0.4198
CMYK	0.00, 0.04, 0.38, 0.07
HSL	54°, 72%, 76%
HSV	54°, 38%, 93%
XYZ	68.5783, 76.3034, 39.1047
YIQ	222.4570, 31.3650, -23.2830

Conversions

Conversions Part 2

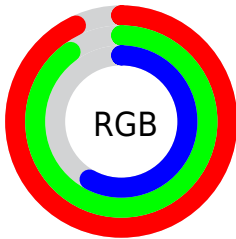
Format	Color
RYB	158, 238, 148
Decimal	15656340
CIELab	90.00, -8.44, 40.60
CIElCh	90, 41.464, 101.746
Yxy	76.3034, 0.3727, 0.4147
Android (android.graphics.Color)	4293846420 (0xFFEEE594)
YUV	222.4570, -36.7073, 13.6312
Hunter-Lab	87.3518, -12.7285, 34.6040

Details

The CIELCh color **90, 41.464, 101.746** is a light color, and the websafe version is hex **FFFF99**. A complement of this color would be **67, 44.756, 291.177**, and the grayscale version is **89, 0.011, 296.813**.

A 20% lighter version of the original color is **99, 26.235, 108.186**, and **70, 41.573, 101.785** is the 20% darker color. If you saturate the color by 10%, you get **89, 51.961, 100.674**, and if you desaturate by 10%, it is **91, 30.644, 102.836**.

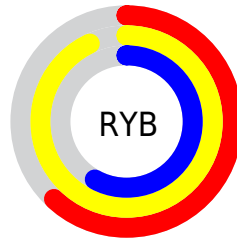
Distribution



Red (93%)

Green (90%)

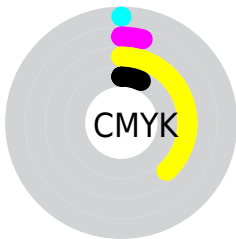
Blue (58%)



Red (62%)

Yellow (93%)

Blue (58%)

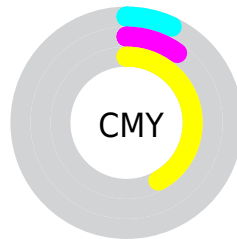


Cyan (0%)

Magenta (4%)

Yellow (38%)

Black (7%)



Cyan (7%)


Magenta (10%)

Yellow (42%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 90, 41.464, 101.746 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, 41.464, 101.746 by changing the saturation by 10% instead.


 90, 41.464,
101.746


 90, 41.464,
101.746


 100, 41.464,
101.746


 80, 41.464,
101.746

 70, 41.464,
101.746

 60, 41.464,
101.746

 50, 41.464,
101.746

 40, 41.464,
101.746

 30, 41.464,
101.746

 20, 41.464,

101.746

■ 10, 41.464,
101.746

■ 0, 41.464, 101.746

■ 90, 41.464,
101.746

■ 90, 41.464,
101.746

■ 89, 51.961,
100.674

■ 91, 30.644,
102.836

■ 88, 61.858, 99.627

■ 92, 19.663,
103.918

■ 87, 70.736, 98.629

■ 93, 8.624, 104.978

■ 87, 78.002, 97.698

■ 94, 2.412, 286.083

■ 86, 82.980, 96.842

■ 95, 7.334, 282.964

85, 85.297, 96.049

96, 6.287, 273.923

85, 85.623, 95.880

96, 5.453, 261.765

97, 4.938, 246.260

98, 4.844, 228.789

Harmonies

Complementary

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



90, 41.464, 101.746



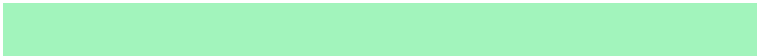
67, 44.756, 291.177

Rectangle

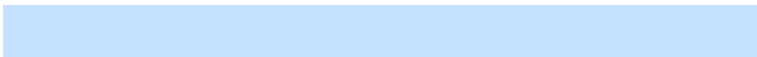
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



90, 41.464, 101.746



90, 41.464, 151.746



90, 41.464, 281.746



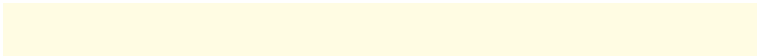
90, 41.464, 331.746

Sweetspot

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



90, 41.465, 101.750



99, 12.835, 104.641



71, 36.262, 15.480



52, 8.625, 104.497



0, 0.000, 0.000



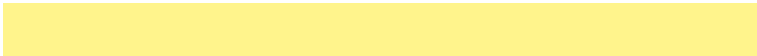
53, 0.007, 296.813

Same Dimension

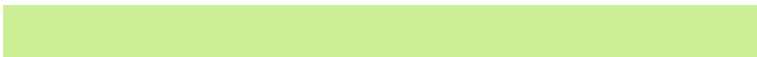
The Same Dimension uses a secret algorithm to generate beautiful new colors.



90, 41.465, 101.750



95, 51.870, 100.957



90, 47.737, 123.573



50, 6.304, 104.805



67, 70.577, 96.004



21, 29.306, 97.463

Inverse Universe

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



67, 44.756, 291.177



66, 57.157, 292.639



68, 51.078, 307.739



46, 6.417, 286.876



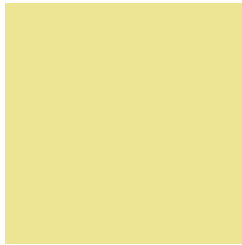
23, 99.647, 304.950



4, 35.188, 296.937

Previews

White Background



This preview shows how the CIELCh color 90, 41.464, 101.746 looks on a white background.

Color Contrast Check

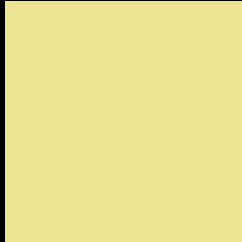
Large Text (above 18pt) WCAG AA × Fail

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, 41.464, 101.746 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

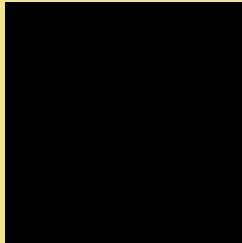
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 90, 41.464, 101.746

Background



This preview shows how black text looks on a background with the CIELCh color 90, 41.464, 101.746.

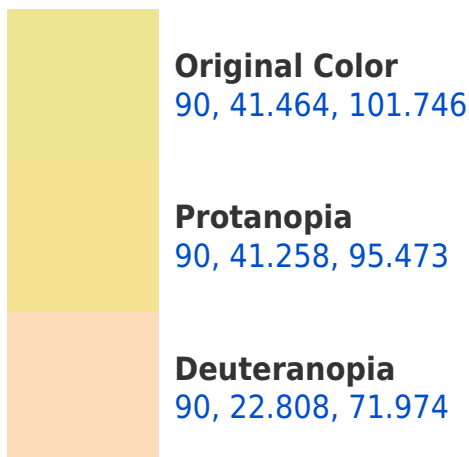


This preview shows how white text looks on a background with the CIELCh color 90, 41.464, 101.746.

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](#).

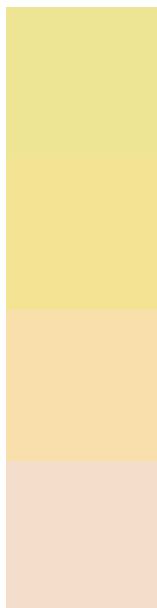
Dichromacy





Tritanopia
90, 13.931, 341.160

Trichromacy



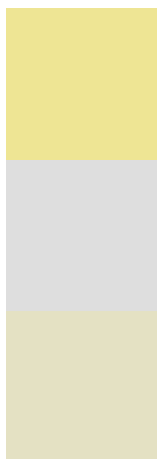
Original Color
90, 41.464, 101.746

Protanomaly
90, 41.405, 97.782

Deuteranomaly
90, 28.345, 86.745

Tritanomaly
90, 12.878, 69.342

Monochromacy



Original Color
90, 41.464, 101.746

Achromatopsia
88, 0.011, 296.813

Achromatomaly
89, 15.568, 104.725

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 90, 41.464, 101.746 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(238, 229, 148)` looks like.

```
.text, #text, p{  
    color:rgb(238, 229, 148)  
}
```

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(238, 229, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 229, 148) }
```

Border

The CSS property to change the border of an element to CIELCh 90, 41.464, 101.746 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(238, 229, 148) }
```

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

```
.border{ border-color:rgb(238, 229, 148) }
```

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

Here you see how a box with a 4 pixel `rgb(238, 229, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 229, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 229, 148);  
box-shadow:4px 4px 4px 4px rgb(238, 229,  
148) }
```

Background

The CSS property to change the background color of an element to CIELCh 90, 41.464, 101.746 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 229, 148) }
```

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

```
.background{ background-color: rgb(238,  
229, 148) }
```

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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