

Converting Colors

CIELCh(91, 20.232, 2.335)

Have a look what the booklet for
CIELCh(91, 20.232, 2.335) contains.

CIELCh(90, 15.476, 356.922)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(90, 15.476, 356.922)

Conversions

Conversions Part 1

Format	Color
Hex	FFD8E4
RGB	255, 216, 228
RGB Percent	100%, 85%, 89%
CMY	0.0000, 0.1512, 0.1042
CMYK	0.00, 0.15, 0.10, 0.00
HSL	341°, 100%, 92%
HSV	341°, 15%, 100%
XYZ	80.1347, 76.3034, 84.2198
YIQ	229.0290, 19.3920, 12.0000

Conversions

Conversions Part 2

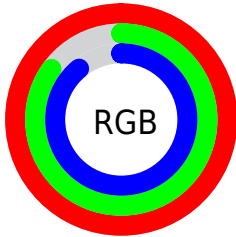
Format	Color
R _Y B	255, 216, 228
Decimal	16767204
CIE Lab	90.00, 15.45, -0.83
CIE LCh	90, 15.476, 356.922
Yxy	76.3034, 0.3330, 0.3171
Android (android.graphics.Color)	4294957284 (0xFFFFD8E4)
YUV	229.0290, -0.5073, 22.7766
Hunter-Lab	87.3518, 10.8866, 3.9821

Details

The CIELCh color **90, 15.476, 356.922** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **97, 14.691, 173.796**, and the grayscale version is **91, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **70, 15.609, 356.138** is the 20% darker color. If you saturate the color by 10%, you get **84, 25.899, 357.874**, and if you desaturate by 10%, it is **97, 5.089, 355.559**.

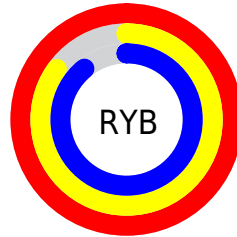
Distribution



Red (100%)

Green (85%)

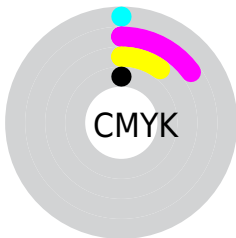
Blue (89%)



Red (100%)

Yellow (85%)

Blue (89%)

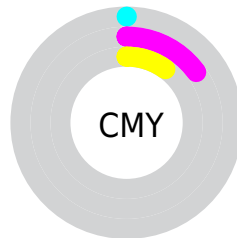


Cyan (0%)

Magenta (15%)

Yellow (10%)

Black (0%)



Cyan (0%)


Magenta (15%)


Yellow (10%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 90, 15.476, 356.922 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, 15.476, 356.922 by changing the saturation by 10% instead.


 90, 15.476,
356.922


 90, 15.476,
356.922


 100, 15.476,
356.922


 80, 15.476,
356.922


 70, 15.476,
356.922

 60, 15.476,
356.922

 50, 15.476,
356.922

 40, 15.476,
356.922

 30, 15.476,
356.922

 20, 15.476,

356.922

■ 10, 15.476,
356.922

■ 0, 15.476, 356.922

■ 90, 15.476,
356.922

■ 90, 15.476,
356.922

■ 84, 25.899,
357.874

■ 97, 5.089, 355.559

■ 77, 36.669,
359.294

100, 0.012,
296.813

■ 72, 47.377, 1.004

■ 66, 57.647, 3.113

■ 62, 66.998, 5.766

■ 58, 74.942, 9.138

■ 56, 81.173, 13.397

■ 54, 85.800, 18.603

■ 54, 87.793, 21.338

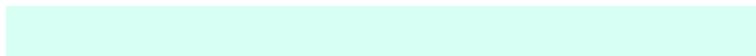
Harmonies

Complementary

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



90, 15.476, 356.922



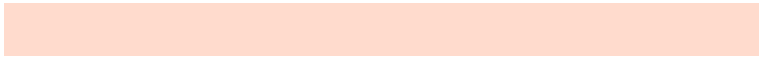
97, 14.691, 173.796

Rectangle

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



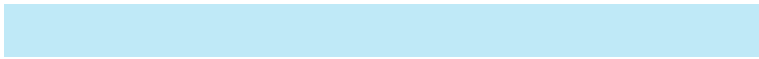
90, 15.476, 356.922



90, 15.476, 46.922



90, 15.476, 176.922



90, 15.476, 226.922

Sweetspot

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



90, 15.323, 356.664



97, 4.966, 355.545



90, 22.132, 315.838



51, 3.393, 355.627



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

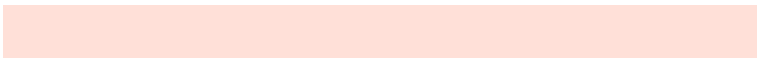
The Same Dimension uses a secret algorithm to generate beautiful new colors.



90, 15.323, 356.664



88, 18.336, 356.995



91, 12.247, 37.386



50, 5.698, 356.045



40, 70.315, 20.249



10, 31.418, 11.958

Inverse Universe

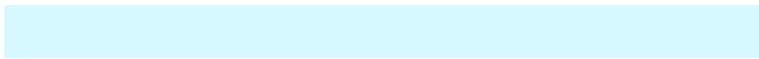
The Inverse Universe completely reimagines the original color for something new.



90, 15.323, 356.664



88, 18.336, 356.995



96, 11.087, 217.994



50, 5.698, 356.045



40, 70.315, 20.249



10, 31.418, 11.958

Previews

White Background



This preview shows how the CIELCh color 90, 15.476, 356.922 looks on a white background.

Color Contrast Check

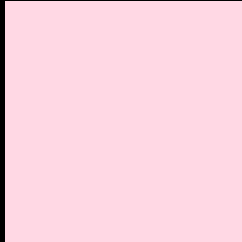
Large Text (above 18pt) WCAG AA × Fail

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, 15.476, 356.922 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, 15.476, 356.922

Background



This preview shows how black text looks on a background with the CIELCh color 90, 15.476, 356.922.



This preview shows how white text looks on a background with the CIELCh color 90, 15.476, 356.922.

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, 15.476, 356.922

Protanopia

90, 4.818, 303.243

Deuteranopia

90, 11.169, 355.539



Tritanopia
90, 16.348, 350.200

Trichromacy



Original Color
90, 15.476, 356.922

Protanomaly
90, 7.761, 337.927

Deuteranomaly
90, 12.714, 356.310

Tritanomaly
90, 16.109, 351.809

Monochromacy



Original Color
90, 15.476, 356.922

Achromatopsia
91, 0.011, 296.813

Achromatomaly
90, 5.677, 352.573

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 90, 15.476, 356.922 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, 216, 228)` looks like.

```
.text, #text, p{  
    color:rgb(255, 216, 228)  
}
```

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, 216, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 216, 228) }
```

Border

The CSS property to change the border of an element to CIELCh 90, 15.476, 356.922 is called "border". The border property can be set on classes, ids or directly on the HTML element.

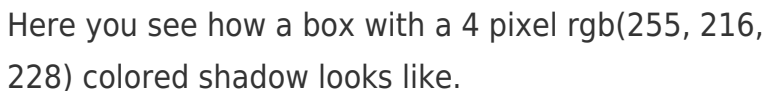
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(255, 216, 228) }
```

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

```
.border{ border-color:rgb(255, 216, 228) }
```

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



Here you see how a box with a 4 pixel `rgb(255, 216, 228)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 216, 228); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 216, 228); box-shadow:4px 4px 4px 4px rgb(255, 216, 228) }
```

Background

The CSS property to change the background color of an element to CIELCh 90, 15.476, 356.922 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 216, 228) }
```

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

```
.background{ background-color: rgb(255,  
216, 228) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor