

Converting Colors

CIELCh(90, 15.557, 342.268)

Have a look what the booklet for
CIELCh(90, 15.557, 342.268)
contains.

CIELCh(90, 15.690, 341.682)	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, 15.690, 341.682)

Conversions

Conversions Part 1

Format	Color
Hex	FBD9EC
RGB	251, 217, 236
RGB Percent	98%, 85%, 93%
CMY	0.0151, 0.1484, 0.0739
CMYK	0.00, 0.14, 0.06, 0.02
HSL	326°, 82%, 92%
HSV	326°, 14%, 98%
XYZ	79.8507, 76.3034, 89.9896
YIQ	229.3320, 14.1650, 13.1170

Conversions

Conversions Part 2

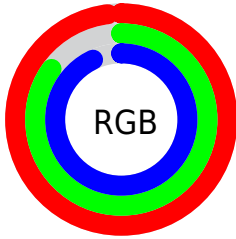
Format	Color
R _Y B	251, 217, 236
Decimal	16505324
CIE Lab	90.00, 14.89, -4.93
CIE LCh	90, 15.690, 341.682
Yxy	76.3034, 0.3244, 0.3100
Android (android.graphics.Color)	4294695404 (0xFFFB9EC)
YUV	229.3320, 3.2873, 19.0028
Hunter-Lab	87.3518, 10.3062, 0.0658

Details

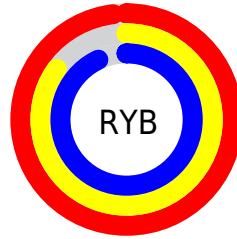
The CIELCh color `90, 15.690, 341.682` is a light color, and the websafe version is hex `FFCCCC`. A complement of this color would be `96, 15.481, 159.532`, and the grayscale version is `91, 0.011, 296.813`.

A 20% lighter version of the original color is `100, 0.012, 296.813`, and `70, 15.576, 341.735` is the 20% darker color. If you saturate the color by 10%, you get `84, 27.478, 342.602`, and if you desaturate by 10%, it is `96, 4.059, 340.779`.

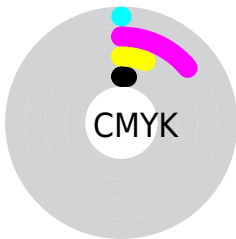
Distribution



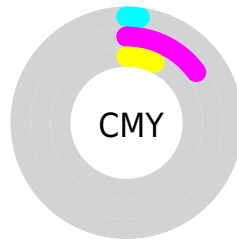
- Red (98%)
- Green (85%)
- Blue (93%)



- Red (98%)
- Yellow (85%)
- Blue (93%)



- Cyan (0%)
- Magenta (14%)
- Yellow (6%)
- Black (2%)





- Cyan (2%)
- Magenta (15%)
- Yellow (7%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 90, 15.690, 341.682 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, 15.690, 341.682 by changing the saturation by 10% instead.


 90, 15.690,
341.682


 90, 15.690,
341.682


 100, 15.690,
341.682


 80, 15.690,
341.682


 70, 15.690,
341.682

 60, 15.690,
341.682

 50, 15.690,
341.682

 40, 15.690,
341.682

 30, 15.690,
341.682

 20, 15.690,

341.682

■ 10, 15.690,
341.682

■ 0, 15.690, 341.682

■ 90, 15.690,
341.682

■ 90, 15.690,
341.682

■ 84, 27.478,
342.602

■ 96, 4.059, 340.779

■ 78, 39.226,
343.615

■ 100, 1.336,
199.816

■ 72, 50.616,
344.760

■ 67, 61.201,
346.084

■ 63, 70.413,
347.658

■ 59, 77.636,
349.581

■ 57, 82.369,
351.983

■ 55, 84.464,
355.013

■ 54, 84.781,
357.302

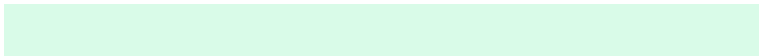
Harmonies

Complementary

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



90, 15.690, 341.682



96, 15.481, 159.532

Rectangle

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



90, 15.690, 341.682



90, 15.690, 31.682



90, 15.690, 161.682



90, 15.690, 211.682

Sweetspot

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



90, 15.687, 341.685



97, 4.648, 340.829



89, 18.530, 307.375



52, 3.305, 340.904



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

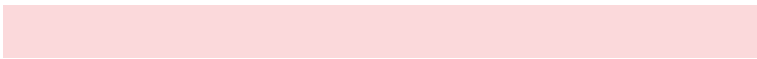
The Same Dimension uses a secret algorithm to generate beautiful new colors.



90, 15.687, 341.685



90, 18.812, 341.905



90, 12.562, 14.941



49, 6.534, 341.330



41, 68.561, 356.599



10, 31.730, 351.720

Inverse Universe

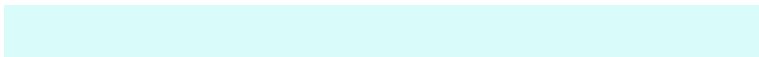
The Inverse Universe completely reimagines the original color for something new.



90, 15.687, 341.685



90, 18.812, 341.905



96, 11.637, 192.968



49, 6.534, 341.330



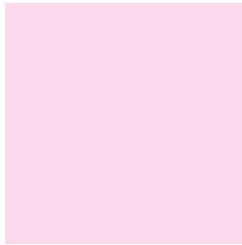
41, 68.561, 356.599



10, 31.730, 351.720

Previews

White Background



This preview shows how the CIELCh color 90, 15.690, 341.682 looks on a white background.

Color Contrast Check

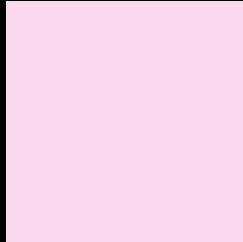
Large Text (above 18pt) WCAG AA × Fail

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, 15.690, 341.682 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

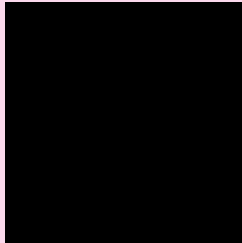
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 90, 15.690, 341.682

Background



This preview shows how black text looks on a background with the CIELCh color 90, 15.690, 341.682.



This preview shows how white text looks on a background with the CIELCh color 90, 15.690, 341.682.

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, 15.690, 341.682

Protanopia

90, 8.337, 293.244

Deuteranopia

90, 11.968, 336.332



Tritanopia
90, 15.084, 344.786

Trichromacy



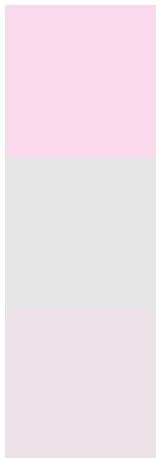
Original Color
90, 15.690, 341.682

Protanomaly
90, 10.009, 318.029

Deuteranomaly
90, 13.374, 339.132

Tritanomaly
90, 15.381, 343.203

Monochromacy



Original Color
90, 15.690, 341.682

Achromatopsia
91, 0.011, 296.813

Achromatomaly
91, 5.647, 339.730

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 90, 15.690, 341.682 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(251, 217, 236)` looks like.

```
.text, #text, p{  
    color:rgb(251, 217, 236)  
}
```

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(251, 217, 236) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 217, 236) }
```

Border

The CSS property to change the border of an element to CIELCh 90, 15.690, 341.682 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(251, 217, 236) }
```

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

```
.border{ border-color:rgb(251, 217, 236) }
```

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

Here you see how a box with a 4 pixel `rgb(251, 217, 236)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 217, 236); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 217, 236);  
box-shadow:4px 4px 4px 4px rgb(251, 217,  
236) }
```

Background

The CSS property to change the background color of an element to CIELCh 90, 15.690, 341.682 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 217, 236) }
```

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

```
.background{ background-color: rgb(251,  
217, 236) }
```

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