

Converting Colors

CIELCh(90, 14.567, 336.811)

Have a look what the booklet for
CIELCh(90, 14.567, 336.811)
contains.

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Color

CIELCh(90, 14.941, 336.507)

Conversions

Conversions Part 1

Format	Color
Hex	F8DAEE
RGB	248, 218, 238
RGB Percent	97%, 85%, 93%
CMY	0.0273, 0.1449, 0.0665
CMYK	0.00, 0.12, 0.04, 0.03
HSL	320°, 68%, 91%
HSV	320°, 12%, 97%
XYZ	79.2468, 76.3034, 91.4717
YIQ	229.2500, 11.4600, 12.5800

Conversions

Conversions Part 2

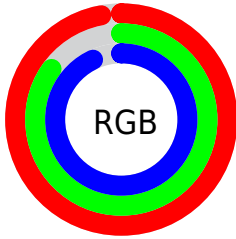
Format	Color
R _Y B	248, 218, 238
Decimal	16308974
CIE Lab	90.00, 13.70, -5.96
CIE LCh	90, 14.941, 336.507
Yxy	76.3034, 0.3208, 0.3089
Android (android.graphics.Color)	4294499054 (0xFFF8DAEE)
YUV	229.2500, 4.3137, 16.4438
Hunter-Lab	87.3518, 9.0721, -0.9402

Details

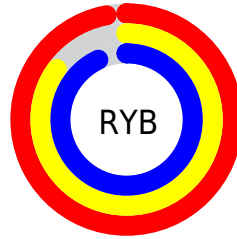
The CIELCh color $90, 14.941, 336.507$ is a light color, and the websafe version is hex `FFCCCC`. A complement of this color would be $95, 14.835, 154.797$, and the grayscale version is $91, 0.011, 296.813$.

A 20% lighter version of the original color is $100, 0.012, 296.813$, and $70, 14.794, 336.173$ is the 20% darker color. If you saturate the color by 10%, you get $84, 27.445, 337.295$, and if you desaturate by 10%, it is $96, 2.568, 335.655$.

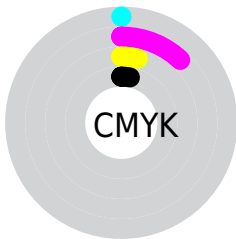
Distribution



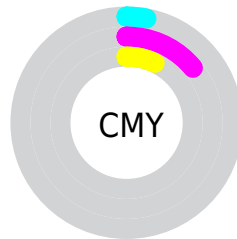
- Red (97%)
- Green (85%)
- Blue (93%)



- Red (97%)
- Yellow (85%)
- Blue (93%)



- Cyan (0%)
- Magenta (12%)
- Yellow (4%)
- Black (3%)





- Cyan (3%)
- Magenta (14%)
- Yellow (7%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 90, 14.941, 336.507 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, 14.941, 336.507 by changing the saturation by 10% instead.


 90, 14.941,
336.507


 90, 14.941,
336.507


 100, 14.941,
336.507


 80, 14.941,
336.507


 70, 14.941,
336.507

 60, 14.941,
336.507

 50, 14.941,
336.507

 40, 14.941,
336.507

 30, 14.941,
336.507

 20, 14.941,

336.507

■ 10, 14.941,
336.507

■ 0, 14.941, 336.507

■ 90, 14.941,
336.507

■ 90, 14.941,
336.507

■ 84, 27.445,
337.295

■ 96, 2.568, 335.655

■ 78, 39.877,
338.135

■ 99, 2.424, 194.491

■ 99, 2.411, 199.527

■ 73, 51.914,
339.048

■ 68, 63.106,
340.058

■ 63, 72.883,
341.201

■ 60, 80.617,
342.532

■ 57, 85.764,
344.126

■ 56, 88.078,
346.079

■ 55, 88.260,
347.900

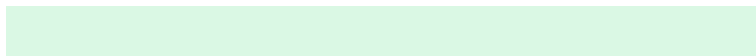
Harmonies

Complementary

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



90, 14.941, 336.507



95, 14.835, 154.797

Rectangle

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



90, 14.941, 336.507



90, 14.941, 26.507



90, 14.941, 156.507



90, 14.941, 206.507

Sweetspot

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



90, 14.938, 336.509



97, 5.020, 335.866



89, 16.093, 303.741



52, 3.570, 335.932



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, 14.938, 336.509



90, 18.988, 336.735



90, 11.255, 6.913



49, 7.050, 336.309



42, 72.105, 347.459



10, 33.480, 344.286

Inverse Universe

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



90, 14.938, 336.509



90, 18.988, 336.735



95, 10.673, 184.828



49, 7.050, 336.309



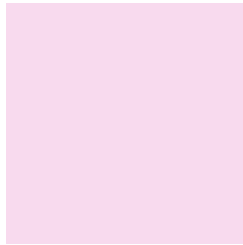
42, 72.105, 347.459



10, 33.480, 344.286

Previews

White Background



This preview shows how the CIELCh color 90, 14.941, 336.507 looks on a white background.

Color Contrast Check

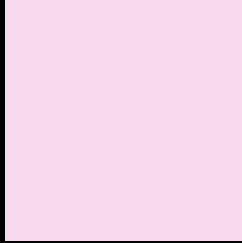
Large Text (above 18pt) WCAG AA × Fail

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, 14.941, 336.507 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

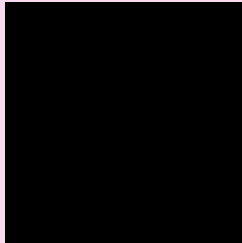
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 90, 14.941, 336.507

Background



This preview shows how black text looks on a background with the CIELCh color 90, 14.941, 336.507.



This preview shows how white text looks on a background with the CIELCh color 90, 14.941, 336.507.

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, 14.941, 336.507

Protanopia
90, 8.856, 293.141

Deuteranopia
90, 12.465, 331.716



Tritanopia
90, 14.256, 339.534

Trichromacy



Original Color
90, 14.941, 336.507

Protanomaly
90, 10.797, 313.840

Deuteranomaly
90, 13.569, 333.754

Tritanomaly
90, 14.593, 337.984

Monochromacy



Original Color
90, 14.941, 336.507

Achromatopsia
91, 0.011, 296.813

Achromatomaly
91, 5.378, 337.239

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 90, 14.941, 336.507 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(248, 218, 238)` looks like.

```
.text, #text, p{  
    color:rgb(248, 218, 238)  
}
```

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(248, 218, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 218, 238) }
```

Border

The CSS property to change the border of an element to CIELCh 90, 14.941, 336.507 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(248, 218, 238) }
```

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

```
.border{ border-color:rgb(248, 218, 238) }
```

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

Here you see how a box with a 4 pixel rgb(248, 218, 238) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 218, 238); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 218, 238);  
box-shadow:4px 4px 4px 4px rgb(248, 218,  
238) }
```

Background

The CSS property to change the background color of an element to CIELCh 90, 14.941, 336.507 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 218, 238) }
```

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

```
.background{ background-color: rgb(248,  
218, 238) }
```

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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