

Converting Colors

CIELCh(100, 48.314, 4.665)

Have a look what the booklet for
CIELCh(100, 48.314, 4.665) contains.

CIELCh(91, 20.094, 330.241)	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(91, 20.094, 330.241)

Conversions

Conversions Part 1

Format	Color
Hex	FFDBF9
RGB	255, 219, 249
RGB Percent	100%, 86%, 98%
CMY	0.0014, 0.1426, 0.0250
CMYK	0.00, 0.14, 0.02, 0.00
HSL	310°, 98%, 93%
HSV	310°, 14%, 100%
XYZ	83.3845, 78.4833, 100.0777
YIQ	233.1840, 11.8260, 16.9620

Conversions

Conversions Part 2

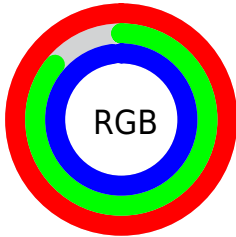
Format	Color
R _Y B	255, 219, 249
Decimal	16767993
CIE Lab	91.00, 17.44, -9.97
CIE LCh	91, 20.094, 330.241
Yxy	78.4833, 0.3183, 0.2996
Android (android.graphics.Color)	4294958073 (0xFFFFDBF9)
YUV	233.1840, 7.7973, 19.1326
Hunter-Lab	88.5908, 12.9759, -4.9641

Details

The CIELCh color `91, 20.094, 330.241` is a light color, and the websafe version is hex `FFCCFF`. A complement of this color would be `97, 20.035, 148.466`, and the grayscale version is `92, 0.011, 296.813`.

A 20% lighter version of the original color is `100, 0.012, 296.813`, and `71, 20.203, 329.760` is the 20% darker color. If you saturate the color by 10%, you get `85, 34.398, 330.886`, and if you desaturate by 10%, it is `97, 5.839, 329.580`.

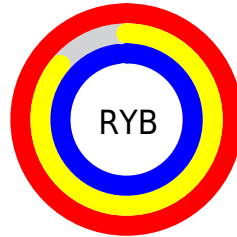
Distribution



Red (100%)

Green (86%)

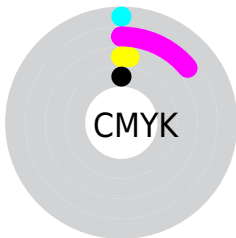
Blue (98%)



Red (100%)

Yellow (86%)

Blue (98%)

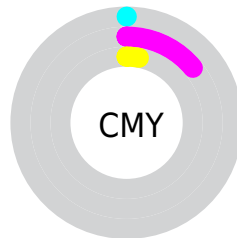


Cyan (0%)

Magenta (14%)

Yellow (2%)

Black (0%)



Cyan (0%)


Magenta (14%)


Yellow (3%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 91, 20.094, 330.241 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 91, 20.094, 330.241 by changing the saturation by 10% instead.


 91, 20.094,
330.241


 91, 20.094,
330.241


 100, 20.094,
330.241


 81, 20.094,
330.241

 71, 20.094,
330.241

 61, 20.094,
330.241

 51, 20.094,
330.241

 41, 20.094,
330.241

 31, 20.094,
330.241

 21, 20.094,

330.241

■ 11, 20.094,
330.241

■ 1, 20.094, 330.241

■ 91, 20.094,
330.241

■ 91, 20.094,
330.241

■ 85, 34.398,
330.886

■ 97, 5.839, 329.580

■ 79, 48.486,
331.541

100, 0.127,
204.613

■ 74, 61.965,
332.206

■ 69, 74.315,
332.880

■ 65, 84.915,
333.567

■ 62, 93.133,
334.278

■ 60, 98.480,
335.031

■ 58, 100.816,
335.858

■ 58, 101.113,
336.381

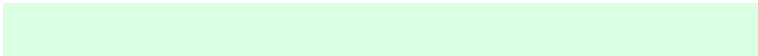
Harmonies

Complementary

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



91, 20.094, 330.241



97, 20.035, 148.466

Rectangle

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



91, 20.094, 330.241



91, 20.094, 20.241



91, 20.094, 150.241



91, 20.094, 200.241

Sweetspot

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



91, 20.091, 330.242



97, 5.659, 329.570



89, 18.914, 297.219



52, 4.023, 329.626



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



91, 20.091, 330.242



89, 24.227, 330.426



91, 14.561, 353.929



50, 8.071, 329.944



44, 81.709, 336.216



12, 38.173, 335.097

Inverse Universe

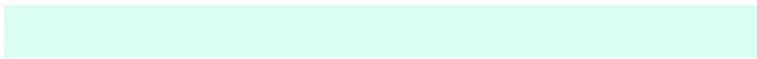
The Inverse Universe completely reimagines the original color for something new.



91, 20.091, 330.242



89, 24.227, 330.426



97, 14.073, 171.301



50, 8.071, 329.944



44, 81.709, 336.216



12, 38.173, 335.097

Previews

White Background



This preview shows how the CIELCh color 91, 20.094, 330.241 looks on a white background.

Color Contrast Check

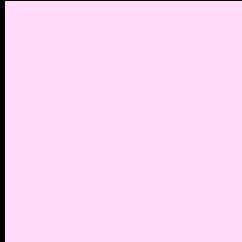
Large Text (above 18pt) WCAG AA × Fail

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 91, 20.094, 330.241 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

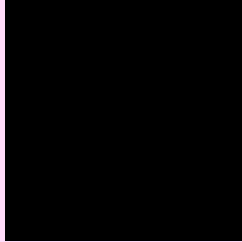
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 91, 20.094, 330.241

Background



This preview shows how black text looks on a background with the CIELCh color 91, 20.094, 330.241.

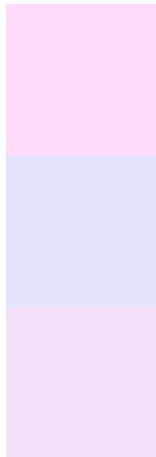


This preview shows how white text looks on a background with the CIELCh color 91, 20.094, 330.241.

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

91, 20.094, 330.241

Protanopia

91, 13.492, 288.379

Deuteranopia

91, 14.801, 319.243



Tritanopia
91, 15.061, 342.321

Trichromacy



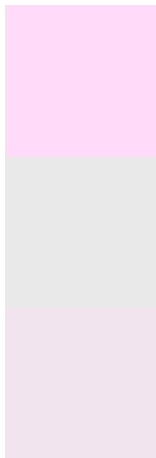
Original Color
91, 20.094, 330.241

Protanomaly
91, 14.576, 306.309

Deuteranomaly
91, 16.776, 324.008

Tritanomaly
91, 16.641, 337.470

Monochromacy



Original Color
91, 20.094, 330.241

Achromatopsia
92, 0.011, 296.813

Achromatomaly
92, 7.362, 329.245

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 91, 20.094, 330.241 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, 219, 249)` looks like.

```
.text, #text, p{  
    color:rgb(255, 219, 249)  
}
```

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, 219, 249) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 219, 249) }
```

Border

The CSS property to change the border of an element to CIELCh 91, 20.094, 330.241 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, 219, 249) }
```

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

```
.border{ border-color:rgb(255, 219, 249) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 219, 249)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 219, 249); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 219, 249);  
box-shadow:4px 4px 4px 4px rgb(255, 219,  
249) }
```

Background

The CSS property to change the background color of an element to CIELCh 91, 20.094, 330.241 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 219, 249) }
```

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

```
.background{ background-color: rgb(255,  
219, 249) }
```

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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