

Converting Colors

CIELCh(75, 20.733, 339.988)

Have a look what the booklet for
CIELCh(75, 20.733, 339.988)
contains.

CIELCh(75, 20.550, 340.384)	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(75, 20.550, 340.384)

Conversions

Conversions Part 1

Format	Color
Hex	D7ADC6
RGB	215, 173, 198
RGB Percent	84%, 68%, 78%
CMY	0.1578, 0.3224, 0.2244
CMYK	0.00, 0.20, 0.08, 0.16
HSL	324°, 34%, 76%
HSV	324°, 20%, 84%
XYZ	53.0213, 48.2781, 59.8103
YIQ	188.4080, 17.0070, 16.6790

Conversions

Conversions Part 2

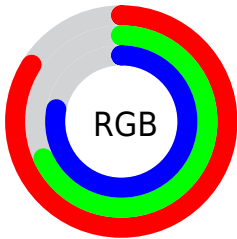
Format	Color
R_{YB}	215, 173, 198
Decimal	14134726
CIE _{Lab}	75.00, 19.36, -6.90
CIE _{LCh}	75, 20.550, 340.384
Yxy	48.2781, 0.3291, 0.2997
Android (android.graphics.Color)	4292324806 (0xFFD7ADC6)
YUV	188.4080, 4.7289, 23.3212
Hunter-Lab	69.4824, 14.6172, -2.3989

Details

The CIELCh color $75, 20.550, 340.384$ is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be $82, 20.241, 157.273$, and the grayscale version is $76, 0.009, 296.813$.

A 20% lighter version of the original color is $94, 16.248, 324.987$, and $55, 20.793, 340.589$ is the 20% darker color. If you saturate the color by 10%, you get $70, 31.166, 341.295$, and if you desaturate by 10%, it is $81, 9.957, 339.542$.

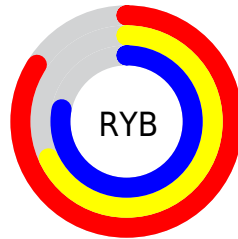
Distribution



Red (84%)

Green (68%)

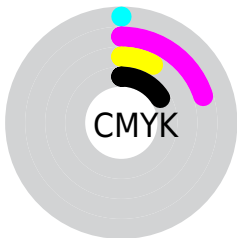
Blue (78%)



Red (84%)

Yellow (68%)

Blue (78%)

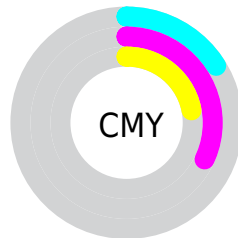


Cyan (0%)

Magenta (20%)

Yellow (8%)

Black (16%)



Cyan (16%)


Magenta (32%)

Yellow (22%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 75, 20.550, 340.384 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 75, 20.550, 340.384 by changing the saturation by 10% instead.

 75, 20.550,
340.384

 75, 20.550,
340.384


 100, 20.550,
340.384

 65, 20.550,
340.384


 95, 20.550,
340.384

 55, 20.550,
340.384

 45, 20.550,
340.384

 35, 20.550,
340.384

 25, 20.550,
340.384

 15, 20.550,
340.384

 5, 20.550, 340.384

75, 20.550,
340.384

75, 20.550,
340.384

70, 31.166,
341.295

81, 9.957, 339.542

86, 0.456, 159.686

65, 41.574,
342.301

92, 10.604,
158.161

60, 51.427,
343.437

97, 18.262,
159.354

56, 60.265,
344.752

97, 15.630,
171.649

52, 67.556,
346.316

97, 13.915,
187.787

50, 72.790,
348.227

97, 13.487,

■ 48, 75.657,
350.606

198.606

■ 47, 76.453,
353.522

■ 47, 76.478,
353.658

Harmonies

Complementary

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



75, 20.550, 340.384



82, 20.241, 157.273

Rectangle

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



75, 20.550, 340.384



75, 20.550, 30.384



75, 20.550, 160.384



75, 20.550, 210.384

Sweetspot

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



75, 20.547, 340.386



96, 7.167, 339.248



73, 23.655, 306.546



51, 4.757, 339.305



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



75, 20.547, 340.386



85, 27.841, 340.710



74, 16.342, 12.923



42, 5.904, 339.531



37, 64.665, 353.108



5, 24.715, 347.672

Inverse Universe

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



75, 20.547, 340.386



85, 27.841, 340.710



83, 14.733, 189.673



42, 5.904, 339.531



37, 64.665, 353.108



5, 24.715, 347.672

Previews

White Background



This preview shows how the CIELCh color 75, 20.550, 340.384 looks on a white background.

Color Contrast Check

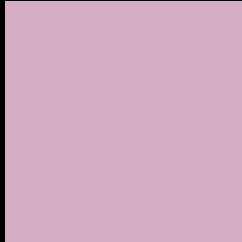
Large Text (above 18pt) WCAG AA × Fail

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 75, 20.550, 340.384 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

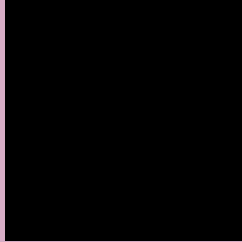
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 75, 20.550, 340.384

Background



This preview shows how black text looks on a background with the CIELCh color 75, 20.550, 340.384.




This preview shows how white text looks on a background with the CIELCh color 75, 20.550, 340.384.

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
75, 16.506, 353.783

Trichromacy



Original Color
75, 20.550, 340.384

Protanomaly
75, 12.982, 314.125

Deuteranomaly
75, 14.467, 332.426

Tritanomaly
75, 17.818, 348.133

Monochromacy



Original Color
75, 20.550, 340.384

Achromatopsia
76, 0.009, 296.813

Achromatomaly
76, 8.043, 338.031

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 75, 20.550, 340.384 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(215, 173, 198)` looks like.

```
.text, #text, p{  
    color:rgb(215, 173, 198)  
}
```

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(215, 173, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 173, 198) }
```

Border

The CSS property to change the border of an element to CIELCh 75, 20.550, 340.384 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(215, 173, 198) }
```

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

```
.border{ border-color:rgb(215, 173, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(215, 173, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 173, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 173, 198);  
box-shadow:4px 4px 4px 4px rgb(215, 173,  
198) }
```

Background

The CSS property to change the background color of an element to CIELCh 75, 20.550, 340.384 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 173, 198) }
```

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

```
.background{ background-color: rgb(215,  
173, 198) }
```

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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