

Converting Colors

CIELCh(79, 7.691, 341.947)

Have a look what the booklet for
CIELCh(79, 7.691, 341.947) contains.

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Color

CIELCh(79, 7.920, 342.708)

Conversions

Conversions Part 1

Format	Color
Hex	D0BFC8
RGB	208, 191, 200
RGB Percent	82%, 75%, 78%
CMY	0.1838, 0.2504, 0.2151
CMYK	0.00, 0.08, 0.04, 0.18
HSL	328°, 15%, 78%
HSV	328°, 8%, 82%
XYZ	55.1539, 54.9284, 62.4237
YIQ	197.1090, 7.2430, 6.4030

Conversions

Conversions Part 2

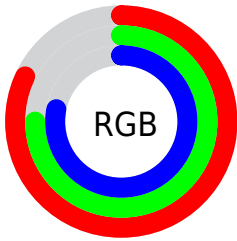
Format	Color
R_{YB}	208, 191, 200
Decimal	13680584
CIE Lab	79.00, 7.56, -2.35
CIE LCh	79, 7.920, 342.708
Yxy	54.9284, 0.3197, 0.3184
Android (android.graphics.Color)	4291870664 (0xFFD0BFC8)
YUV	197.1090, 1.4253, 9.5514
Hunter-Lab	74.1137, 3.1372, 1.9414

Details

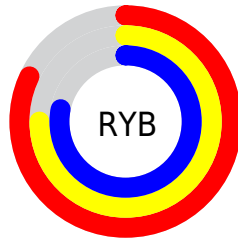
The CIELCh color $79, 7.920, 342.708$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $82, 7.838, 161.496$, and the grayscale version is $80, 0.010, 296.813$.

A 20% lighter version of the original color is $98, 4.981, 324.553$, and $59, 7.744, 344.459$ is the 20% darker color. If you saturate the color by 10%, you get $74, 17.793, 343.619$, and if you desaturate by 10%, it is $85, 1.745, 162.200$.

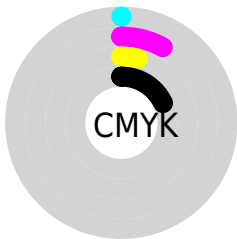
Distribution



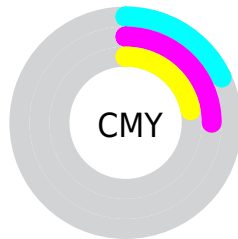
- Red (82%)
- Green (75%)
- Blue (78%)



- Red (82%)
- Yellow (75%)
- Blue (78%)



- Cyan (0%)
- Magenta (8%)
- Yellow (4%)
- Black (18%)



- Cyan (18%)
- Magenta (25%)
- Yellow (22%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 79, 7.920, 342.708 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 79, 7.920, 342.708 by changing the saturation by 10% instead.

 79, 7.920, 342.708

 79, 7.920, 342.708

 100, 7.920,
342.708

 69, 7.920, 342.708

 99, 7.920, 342.708

 59, 7.920, 342.708

 49, 7.920, 342.708

 39, 7.920, 342.708

 29, 7.920, 342.708

 19, 7.920, 342.708

 9, 7.920, 342.708

 0, 7.920, 342.708

 79, 7.920, 342.708

 79, 7.920, 342.708

74, 17.793,
343.619

85, 1.745, 162.200

68, 27.755,
344.604

90, 11.128,
161.272

63, 37.602,
345.710

96, 20.200,
160.581

59, 47.029,
346.982

96, 18.069,
171.887

55, 55.622,
348.481

97, 16.108,
187.620

51, 62.884,
350.295

97, 15.583,
198.469

48, 68.321,
352.545

46, 71.611,
355.381

45, 72.907,

358.912

Harmonies

Complementary

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



79, 7.920, 342.708



82, 7.838, 161.496

Rectangle

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



79, 7.920, 342.708



79, 7.920, 32.708



79, 7.920, 162.708



79, 7.920, 212.708

Sweetspot

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



79, 7.918, 342.713



99, 2.274, 342.057



78, 9.578, 308.259



53, 1.293, 342.038



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



79, 7.918, 342.713



93, 11.457, 342.887



79, 6.366, 17.120



41, 5.529, 342.824



36, 62.508, 358.943



5, 22.125, 352.032

Inverse Universe

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



79, 7.918, 342.713



93, 11.457, 342.887



82, 6.066, 196.210



41, 5.529, 342.824



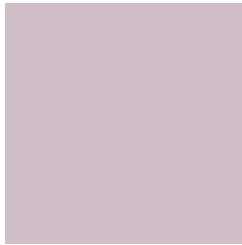
36, 62.508, 358.943



5, 22.125, 352.032

Previews

White Background



This preview shows how the CIELCh color 79, 7.920, 342.708 looks on a white background.

Color Contrast Check

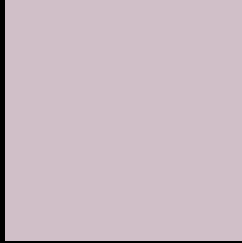
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 79, 7.920, 342.708 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

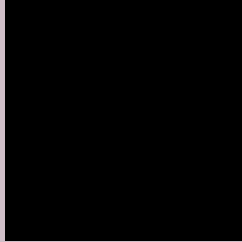
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 79, 7.920, 342.708

Background



This preview shows how black text looks on a background with the CIELCh color 79, 7.920, 342.708.



This preview shows how white text looks on a background with the CIELCh color 79, 7.920, 342.708.

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

79, 7.920, 342.708

Protanopia

79, 3.825, 301.454

Deuteranopia

79, 9.744, 347.038



Tritanopia
79, 10.642, 331.437

Trichromacy



Original Color
79, 7.920, 342.708

Protanomaly
79, 4.558, 324.575

Deuteranomaly
79, 9.436, 345.760

Tritanomaly
79, 9.871, 335.524

Monochromacy



Original Color
79, 7.920, 342.708

Achromatopsia
80, 0.010, 296.813

Achromatomaly
79, 2.742, 343.744

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 79, 7.920, 342.708 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(208, 191, 200)` looks like.

```
.text, #text, p{  
    color:rgb(208, 191, 200)  
}
```

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(208, 191, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 191, 200) }
```

Border

The CSS property to change the border of an element to CIELCh 79, 7.920, 342.708 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(208, 191, 200) }
```

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

```
.border{ border-color:rgb(208, 191, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(208, 191, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 191, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 191, 200);  
box-shadow:4px 4px 4px 4px rgb(208, 191,  
200) }
```

Background

The CSS property to change the background color of an element to CIELCh 79, 7.920, 342.708 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 191, 200) }
```

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

```
.background{ background-color: rgb(208,  
191, 200) }
```

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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