

Converting Colors

CIELCh(70, 20.447, 325.317)

Have a look what the booklet for
CIELCh(70, 20.447, 325.317)
contains.

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Color

CIELCh(70, 20.487, 325.308)

Conversions

Conversions Part 1

Format	Color
Hex	C0A1C0
RGB	192, 161, 192
RGB Percent	75%, 63%, 75%
CMY	0.2452, 0.3668, 0.2452
CMYK	0.00, 0.16, 0.00, 0.25
HSL	300°, 20%, 69%
HSV	300°, 16%, 75%
XYZ	44.2547, 40.7494, 55.6816
YIQ	173.8030, 8.5250, 16.2130

Conversions

Conversions Part 2

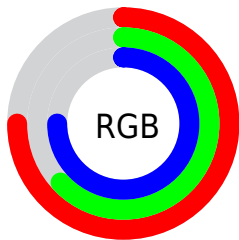
Format	Color
R_{YB}	192, 161, 192
Decimal	12624320
CIE _{Lab}	70.00, 16.84, -11.66
CIE _{LCh}	70, 20.487, 325.308
Yxy	40.7494, 0.3146, 0.2896
Android (android.graphics.Color)	4290814400 (0xFFC0A1C0)
YUV	173.8030, 8.9711, 15.9588
Hunter-Lab	63.8353, 12.0360, -7.0322

Details

The CIELCh color $70, 20.487, 325.308$ is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be $75, 20.466, 143.460$, and the grayscale version is $71, 0.009, 296.813$.

A 20% lighter version of the original color is $90, 20.326, 325.986$, and $50, 20.861, 324.639$ is the 20% darker color. If you saturate the color by 10%, you get $65, 33.224, 325.851$, and if you desaturate by 10%, it is $75, 7.733, 324.744$.

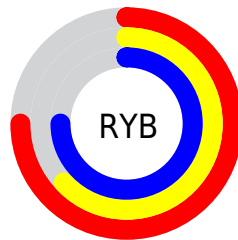
Distribution



Red (75%)

Green (63%)

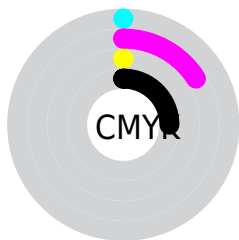
Blue (75%)



Red (75%)

Yellow (63%)

Blue (75%)

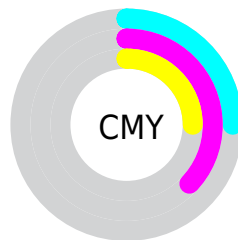


Cyan (0%)

Magenta (16%)

Yellow (0%)

Black (25%)



Cyan (25%)


Magenta (37%)


Yellow (25%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 70, 20.487, 325.308 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 70, 20.487, 325.308 by changing the saturation by 10% instead.


 70, 20.487,
325.308


 70, 20.487,
325.308


 100, 20.487,
325.308


 60, 20.487,
325.308


 90, 20.487,
325.308

 50, 20.487,
325.308

 40, 20.487,
325.308

 30, 20.487,
325.308

 20, 20.487,
325.308

 10, 20.487,
325.308

 0, 20.487, 325.308

70, 20.487,
325.308

70, 20.487,
325.308

65, 33.224,
325.851

75, 7.733, 324.744

61, 45.699,
326.370

80, 4.860, 144.288

57, 57.566,
326.853

85, 17.185,
143.724

54, 68.395,
327.283

90, 29.177,
143.210

51, 77.702,
327.643

95, 39.189,
142.790

48, 85.027,
327.921

95, 39.188,
142.791


47, 90.060,
328.108


95, 39.188,
142.791

46, 92.783,

95, 39.187,
142.792

328.208

 95, 39.187,
142.792

 46, 93.524,
328.236

Harmonies

Complementary

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



70, 20.487, 325.308



75, 20.466, 143.460

Rectangle

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



70, 20.487, 325.308



70, 20.487, 15.308



70, 20.487, 145.308



70, 20.487, 195.308

Sweetspot

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



70, 20.485, 325.308



95, 7.815, 324.681



67, 17.141, 291.924



50, 5.333, 324.724



99, 0.012, 296.813



52, 0.007, 296.813

Same Dimension

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



70, 20.485, 325.308



87, 29.884, 325.483



70, 14.499, 345.007



38, 7.225, 324.932



38, 81.801, 328.236



4, 24.212, 326.361

Inverse Universe

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



70, 20.485, 325.308



87, 29.884, 325.483



75, 14.209, 162.295



38, 7.225, 324.932



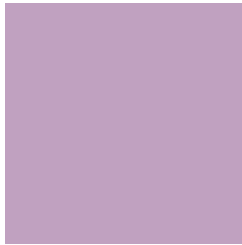
38, 81.801, 328.236



4, 24.212, 326.361

Previews

White Background



This preview shows how the CIELCh color 70, 20.487, 325.308 looks on a white background.

Color Contrast Check

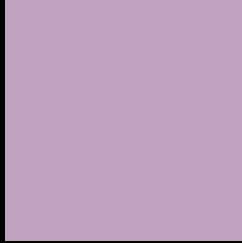
Large Text (above 18pt) WCAG AA × Fail

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 70, 20.487, 325.308 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 70, 20.487, 325.308

Background



This preview shows how black text looks on a background with the CIELCh color 70, 20.487, 325.308.



This preview shows how white text looks on a background with the CIELCh color 70, 20.487, 325.308.

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

70, 20.487, 325.308

Protanopia

70, 15.372, 286.483

Deuteranopia

70, 13.808, 308.186



Tritanopia
70, 12.153, 344.778

Trichromacy



Original Color
70, 20.487, 325.308

Protanomaly
70, 16.282, 303.077

Deuteranomaly
70, 16.258, 315.245

Tritanomaly
70, 15.173, 334.687

Monochromacy



Original Color
70, 20.487, 325.308

Achromatopsia
71, 0.009, 296.813

Achromatomaly
71, 7.980, 324.771

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 70, 20.487, 325.308 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(192, 161, 192)` looks like.

```
.text, #text, p{  
    color:rgb(192, 161, 192)  
}
```

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(192, 161, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 161, 192) }
```

Border

The CSS property to change the border of an element to CIELCh 70, 20.487, 325.308 is called "border". The border property can be set on classes, ids or directly on the HTML element.

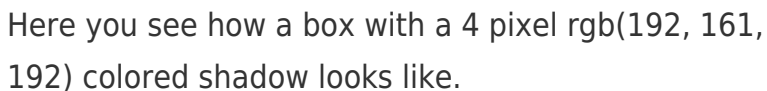
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(192, 161, 192) }
```

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

```
.border{ border-color:rgb(192, 161, 192) }
```

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



Here you see how a box with a 4 pixel `rgb(192, 161, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(192, 161, 192); -webkit-box-shadow:4px 4px 4px 4px rgb(192, 161, 192); box-shadow:4px 4px 4px 4px rgb(192, 161, 192) }
```

Background

The CSS property to change the background color of an element to CIELCh 70, 20.487, 325.308 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 161, 192) }
```

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

```
.background{ background-color: rgb(192,  
161, 192) }
```

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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