

Converting Colors

CIELCh(75, 12.769, 355.545)

Have a look what the booklet for
CIELCh(75, 12.769, 355.545)
contains.

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Color

CIELCh(75, 12.517, 355.062)

Conversions

Conversions Part 1

Format	Color
Hex	CFB1BB
RGB	207, 177, 187
RGB Percent	81%, 69%, 73%
CMY	0.1884, 0.3060, 0.2668
CMYK	0.00, 0.14, 0.10, 0.19
HSL	340°, 24%, 75%
HSV	340°, 14%, 81%
XYZ	50.4042, 48.2781, 53.6571
YIQ	187.1100, 14.6700, 9.4700

Conversions

Conversions Part 2

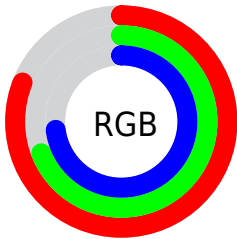
Format	Color
RYB	207, 177, 187
Decimal	13611451
CIELab	75.00, 12.47, -1.08
CIELCh	75, 12.517, 355.062
Yxy	48.2781, 0.3309, 0.3169
Android (android.graphics.Color)	4291801531 (0xFFCFB1BB)
YUV	187.1100, -0.0542, 17.4435
Hunter-Lab	69.4824, 7.8937, 2.8517

Details

The CIELCh color $75, 12.517, 355.062$ is a light color, and the websafe version is hex `CC9999`. A complement of this color would be $81, 12.063, 172.385$, and the grayscale version is $76, 0.009, 296.813$.

A 20% lighter version of the original color is $94, 9.390, 346.877$, and $55, 12.597, 353.866$ is the 20% darker color. If you saturate the color by 10%, you get $70, 21.494, 356.232$, and if you desaturate by 10%, it is $81, 3.809, 353.982$.

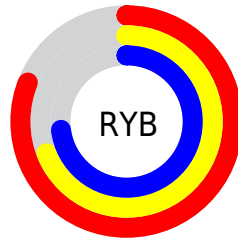
Distribution



Red (81%)

Green (69%)

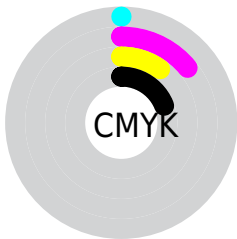
Blue (73%)



Red (81%)

Yellow (69%)

Blue (73%)

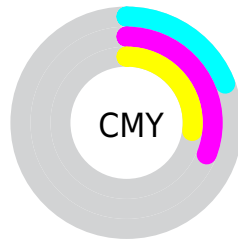


Cyan (0%)

Magenta (14%)

Yellow (10%)

Black (19%)



Cyan (19%)


Magenta (31%)


Yellow (27%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 75, 12.517, 355.062 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, 12.517, 355.062 by changing the saturation by 10% instead.


 75, 12.517,
355.062


 75, 12.517,
355.062


 100, 12.517,
355.062


 65, 12.517,
355.062


 95, 12.517,
355.062


 55, 12.517,
355.062

 45, 12.517,
355.062

 35, 12.517,
355.062

 25, 12.517,
355.062

 15, 12.517,
355.062

 5, 12.517, 355.062

0, 12.517, 355.062

75, 12.517,
355.062

75, 12.517,
355.062

70, 21.494,
356.232

81, 3.809, 353.982

86, 4.561, 173.332

64, 30.624,
357.587

92, 12.572,
172.481

59, 39.697,
359.203

96, 17.731,
176.504

55, 48.404, 1.179

97, 15.950,
198.445

51, 56.348, 3.646

48, 63.104, 6.768

46, 68.374, 10.720

■ 44, 72.174, 15.607

■ 44, 73.995, 18.525

Harmonies

Complementary

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



75, 12.517, 355.062



81, 12.063, 172.385

Rectangle

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



75, 12.517, 355.062



75, 12.517, 45.062



75, 12.517, 175.062



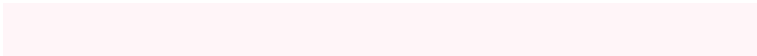
75, 12.517, 225.062

Sweetspot

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



75, 12.515, 355.067



97, 4.014, 353.927



75, 17.818, 315.267



51, 2.857, 354.020



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, 12.515, 355.067



89, 17.472, 355.369



76, 9.982, 35.621



41, 4.895, 354.523



35, 63.205, 17.622



4, 20.632, 3.840

Inverse Universe

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



75, 12.515, 355.067



89, 17.472, 355.369



80, 9.081, 215.974



41, 4.895, 354.523



35, 63.205, 17.622



4, 20.632, 3.840

Previews

White Background



This preview shows how the CIELCh color 75, 12.517, 355.062 looks on a white background.

Color Contrast Check

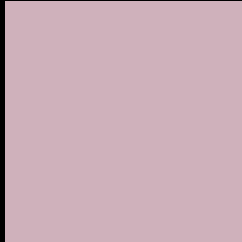
Large Text (above 18pt) WCAG AA × Fail

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, 12.517, 355.062 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

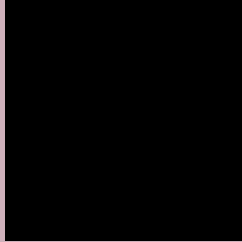
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 75, 12.517, 355.062

Background



This preview shows how black text looks on a background with the CIELCh color 75, 12.517, 355.062.



This preview shows how white text looks on a background with the CIELCh color 75, 12.517, 355.062.

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
75, 12.517, 355.062

Protanopia
75, 3.865, 301.466

Deuteranopia
75, 9.661, 353.760



Tritanopia
75, 13.848, 347.657

Trichromacy



Original Color
75, 12.517, 355.062

Protanomaly
75, 6.875, 335.005

Deuteranomaly
75, 10.917, 354.016

Tritanomaly
75, 13.579, 349.588

Monochromacy



Original Color
75, 12.517, 355.062

Achromatopsia
76, 0.009, 296.813

Achromatomaly
75, 4.651, 352.121

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 75, 12.517, 355.062 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(207, 177, 187)` looks like.

```
.text, #text, p{  
    color:rgb(207, 177, 187)  
}
```

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(207, 177, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 177, 187) }
```

Border

The CSS property to change the border of an element to CIELCh 75, 12.517, 355.062 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(207, 177, 187) }
```

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

```
.border{ border-color:rgb(207, 177, 187) }
```

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

Here you see how a box with a 4 pixel rgb(207, 177, 187) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 177, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 177, 187);  
box-shadow:4px 4px 4px 4px rgb(207, 177,  
187) }
```

Background

The CSS property to change the background color of an element to CIELCh 75, 12.517, 355.062 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 177, 187) }
```

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

```
.background{ background-color: rgb(207,  
177, 187) }
```

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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