

Converting Colors

CIELCh(66, 12.650, 322.171)

Have a look what the booklet for
CIELCh(66, 12.650, 322.171)
contains.

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Color

CIELCh(66, 12.358, 322.068)

Conversions

Conversions Part 1

Format	Color
Hex	AC9BAE
RGB	172, 155, 174
RGB Percent	67%, 61%, 68%
CMY	0.3250, 0.3917, 0.3172
CMYK	0.01, 0.11, 0.00, 0.32
HSL	294°, 11%, 65%
HSV	294°, 11%, 68%
XYZ	36.4292, 35.3238, 45.0008
YIQ	162.2490, 4.0330, 9.5130

Conversions

Conversions Part 2

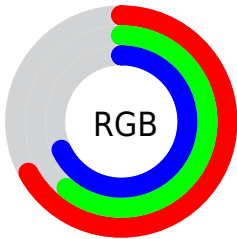
Format	Color
RYB	172, 155, 174
Decimal	11312046
CIELab	66.00, 9.75, -7.60
CIELCh	66, 12.358, 322.068
Yxy	35.3238, 0.3120, 0.3025
Android (android.graphics.Color)	4289502126 (0xFFAC9BAE)
YUV	162.2490, 5.7932, 8.5516
Hunter-Lab	59.4338, 5.4001, -3.2882

Details

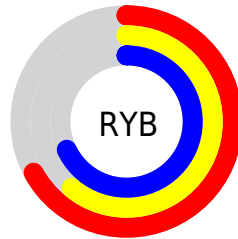
The CIELCh color $66, 12.358, 322.068$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $69, 12.312, 141.025$, and the grayscale version is $67, 0.008, 296.813$.

A 20% lighter version of the original color is $86, 12.360, 322.118$, and $46, 12.497, 322.064$ is the 20% darker color. If you saturate the color by 10%, you get $61, 23.806, 322.554$, and if you desaturate by 10%, it is $71, 1.031, 321.406$.

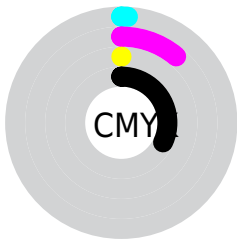
Distribution



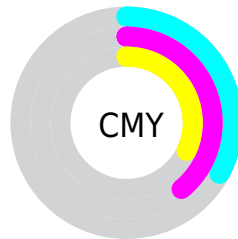
- Red (67%)
- Green (61%)
- Blue (68%)



- Red (67%)
- Yellow (61%)
- Blue (68%)



- Cyan (1%)
- Magenta (11%)
- Yellow (0%)
- Black (32%)




- Cyan (33%)
- Magenta (39%)
- Yellow (32%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 66, 12.358, 322.068 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 66, 12.358, 322.068 by changing the saturation by 10% instead.

 66, 12.358,
322.068


 66, 12.358,
322.068


 100, 12.358,
322.068


 56, 12.358,
322.068


 86, 12.358,
322.068

 46, 12.358,
322.068

 96, 12.358,
322.068

 36, 12.358,
322.068

 26, 12.358,
322.068

 16, 12.358,
322.068

 6, 12.358, 322.068

 0, 12.358, 322.068

66, 12.358,
322.068

66, 12.358,
322.068

61, 23.806,
322.554

71, 1.031, 321.406

57, 35.227,
323.024

75, 10.074,
141.167

53, 46.395,
323.464

80, 20.901,
140.713

49, 56.992,
323.853

85, 31.423,
140.289

46, 66.616,
324.165

90, 41.630,
139.893

43, 74.802,
324.371

94, 48.856,
139.466


41, 81.105,
324.443


94, 48.506,
138.881

39, 85.227,

94, 48.160,
138.282

324.360

 94, 47.818,
137.670

 38, 87.438,
324.174

Harmonies

Complementary

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



66, 12.358, 322.068



69, 12.312, 141.025

Rectangle

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



66, 12.358, 322.068



66, 12.358, 12.068



66, 12.358, 142.068



66, 12.358, 192.068

Sweetspot

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



66, 12.356, 322.068



88, 4.193, 321.649



65, 9.350, 286.212



47, 3.205, 321.700



96, 0.011, 296.813



48, 0.006, 296.813

Same Dimension

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



66, 12.356, 322.068



83, 18.288, 322.182



66, 9.748, 338.633



34, 6.382, 321.988



33, 78.514, 324.220



2, 13.221, 320.291

Inverse Universe

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



66, 7.480, 11.577



82, 11.137, 11.809



69, 9.668, 157.077



34, 3.848, 11.419



31, 66.102, 34.797



2, 7.875, 12.299

Previews

White Background



This preview shows how the CIELCh color 66, 12.358, 322.068 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 66, 12.358, 322.068 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

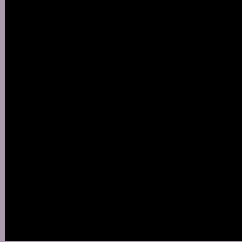
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 66, 12.358, 322.068

Background



This preview shows how black text looks on a background with the CIELCh color 66, 12.358, 322.068.



This preview shows how white text looks on a background with the CIELCh color 66, 12.358, 322.068.

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


66, 12.358, 322.068

Protanopia

66, 9.985, 291.223

Deuteranopia

66, 11.318, 318.569



Tritanopia
66, 8.784, 331.033

Trichromacy



Original Color
66, 12.358, 322.068

Protanomaly
66, 10.261, 303.612

Deuteranomaly
66, 11.496, 320.244

Tritanomaly
66, 9.645, 326.748

Monochromacy



Original Color
66, 12.358, 322.068

Achromatopsia
67, 0.008, 296.813

Achromatomaly
66, 4.724, 324.621

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 66, 12.358, 322.068 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(172, 155, 174)` looks like.

```
.text, #text, p{  
    color:rgb(172, 155, 174)  
}
```

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(172, 155, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 155, 174) }
```

Border

The CSS property to change the border of an element to CIELCh 66, 12.358, 322.068 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(172, 155, 174) }
```

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

```
.border{ border-color:rgb(172, 155, 174) }
```

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

Here you see how a box with a 4 pixel `rgb(172, 155, 174)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 155, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 155, 174);  
box-shadow:4px 4px 4px 4px rgb(172, 155,  
174) }
```

Background

The CSS property to change the background color of an element to CIELCh 66, 12.358, 322.068 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 155, 174) }
```

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

```
.background{ background-color: rgb(172,  
155, 174) }
```

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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