

Converting Colors

CIELCh(66, 10.528, 328.337)

Have a look what the booklet for
CIELCh(66, 10.528, 328.337)
contains.

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Color

CIELCh(66, 10.546, 328.358)

Conversions

Conversions Part 1

Format	Color
Hex	AC9BAA
RGB	172, 155, 170
RGB Percent	67%, 61%, 67%
CMY	0.3238, 0.3905, 0.3316
CMYK	0.00, 0.10, 0.01, 0.32
HSL	307°, 9%, 64%
HSV	307°, 10%, 68%
XYZ	36.1983, 35.3238, 43.1559
YIQ	161.7930, 5.3170, 8.2690

Conversions

Conversions Part 2

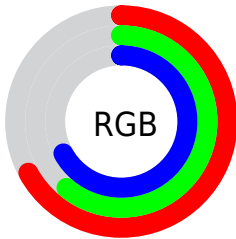
Format	Color
RYB	172, 155, 170
Decimal	11312042
CIELab	66.00, 8.98, -5.53
CIELCh	66, 10.546, 328.358
Yxy	35.3238, 0.3157, 0.3080
Android (android.graphics.Color)	4289502122 (0xFFAC9BAA)
YUV	161.7930, 4.0461, 8.9515
Hunter-Lab	59.4338, 4.7066, -1.4478

Details

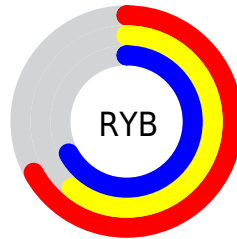
The CIELCh color $66, 10.546, 328.358$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $69, 10.521, 147.239$, and the grayscale version is $67, 0.008, 296.813$.

A 20% lighter version of the original color is $86, 10.640, 328.044$, and $46, 10.562, 328.773$ is the 20% darker color. If you saturate the color by 10%, you get $62, 21.326, 328.957$, and if you desaturate by 10%, it is $71, 0.139, 149.656$.

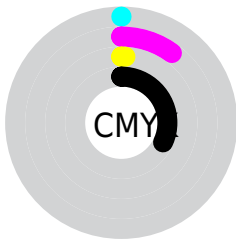
Distribution



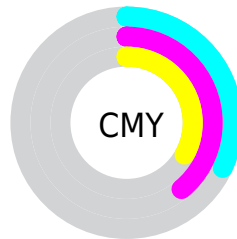
- Red (67%)
- Green (61%)
- Blue (67%)



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



- Cyan (0%)
- Magenta (10%)
- Yellow (1%)
- Black (32%)





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


Brightness & Saturation Gradients


These gradients show how the CIELCh color 66, 10.546, 328.358 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, 10.546, 328.358 by changing the saturation by 10% instead.

 66, 10.546,
328.358


 66, 10.546,
328.358


 100, 10.546,
328.358


 56, 10.546,
328.358


 86, 10.546,
328.358

 46, 10.546,
328.358

 96, 10.546,
328.358

 36, 10.546,
328.358

 26, 10.546,
328.358

 16, 10.546,
328.358

 6, 10.546, 328.358

 0, 10.546, 328.358

66, 10.546,
328.358

66, 10.546,
328.358

62, 21.326,
328.957

71, 0.139, 149.656

57, 32.044,
329.554

75, 10.620,
147.279

53, 42.462,
330.149

80, 20.838,
146.734

50, 52.258,
330.735

85, 30.763,
146.220

47, 61.030,
331.308

90, 40.384,
145.734

44, 68.335,
331.866

93, 47.437,
145.544

42, 73.767,
332.412


93, 46.610,
146.299

41, 77.074,

93, 45.787,
147.079

332.957

 93, 44.969,
147.886

 40, 78.613,
333.513

Harmonies

Complementary

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



66, 10.546, 328.358



69, 10.521, 147.239

Rectangle

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



66, 10.546, 328.358



66, 10.546, 18.358



66, 10.546, 148.358



66, 10.546, 198.358

Sweetspot

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



66, 10.544, 328.359



88, 3.959, 327.912



65, 9.511, 295.573



46, 2.998, 327.974



95, 0.011, 296.813



47, 0.006, 296.813

Same Dimension

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



66, 10.544, 328.359



83, 15.916, 328.500



66, 7.485, 351.292



34, 6.078, 328.325



34, 71.193, 333.456



2, 12.341, 329.382

Inverse Universe

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



66, 10.544, 328.359



83, 15.916, 328.500



69, 7.331, 169.629



34, 6.078, 328.325



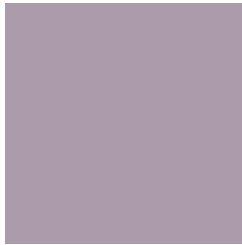
34, 71.193, 333.456



2, 12.341, 329.382

Previews

White Background



This preview shows how the CIELCh color 66, 10.546, 328.358 looks on a white background.

Color Contrast Check

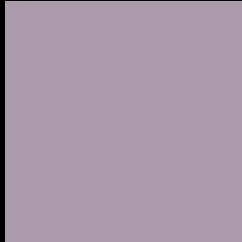
Large Text (above 18pt) WCAG AA × Fail

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, 10.546, 328.358 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

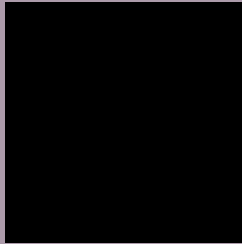
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 66, 10.546, 328.358

Background



This preview shows how black text looks on a background with the CIELCh color 66, 10.546, 328.358.



This preview shows how white text looks on a background with the CIELCh color 66, 10.546, 328.358.

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, 10.546, 328.358

Protanopia

66, 7.783, 293.706

Deuteranopia

66, 9.645, 326.748



Tritanopia
66, 9.035, 332.903

Trichromacy



Original Color
66, 10.546, 328.358

Protanomaly
66, 8.227, 309.412

Deuteranomaly
66, 9.872, 328.554

Tritanomaly
66, 9.446, 330.630

Monochromacy



Original Color
66, 10.546, 328.358

Achromatopsia
67, 0.008, 296.813

Achromatomaly
66, 3.606, 329.532

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 66, 10.546, 328.358 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, 170)` looks like.

```
.text, #text, p{  
    color:rgb(172, 155, 170)  
}
```

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, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 155, 170) }
```

Border

The CSS property to change the border of an element to CIELCh 66, 10.546, 328.358 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, 170) }
```

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

```
.border{ border-color:rgb(172, 155, 170) }
```

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, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 155, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 155, 170);  
box-shadow:4px 4px 4px 4px rgb(172, 155,  
170) }
```

Background

The CSS property to change the background color of an element to CIELCh 66, 10.546, 328.358 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, 170) }
```

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

```
.background{ background-color: rgb(172,  
155, 170) }
```

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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