

Converting Colors

CIELCh(65, 10.142, 330.294)

Have a look what the booklet for
CIELCh(65, 10.142, 330.294)
contains.

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Color

CIELCh(65, 10.142, 330.294)

Conversions

Conversions Part 1

Format	Color
Hex	AA99A7
RGB	170, 153, 167
RGB Percent	67%, 60%, 65%
CMY	0.3339, 0.4006, 0.3457
CMYK	0.00, 0.10, 0.02, 0.33
HSL	311°, 9%, 63%
HSV	311°, 10%, 67%
XYZ	34.8726, 34.0472, 41.2197
YIQ	159.6790, 5.6380, 7.9580

Conversions

Conversions Part 2

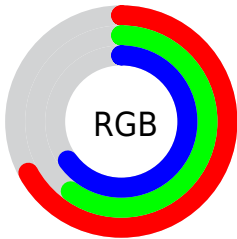
Format	Color
RYB	170, 153, 167
Decimal	11180455
CIELab	65.00, 8.81, -5.03
CIELCh	65, 10.142, 330.294
Yxy	34.0472, 0.3166, 0.3091
Android (android.graphics.Color)	4289370535 (0xFFAA99A7)
YUV	159.6790, 3.6093, 9.0515
Hunter-Lab	58.3500, 4.5674, -1.0388

Details

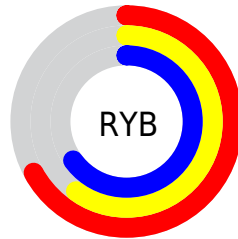
The CIELCh color $65, 10.142, 330.294$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $68, 10.111, 149.115$, and the grayscale version is $66, 0.008, 296.813$.

A 20% lighter version of the original color is $85, 10.250, 329.843$, and $45, 10.140, 330.874$ is the 20% darker color. If you saturate the color by 10%, you get $61, 20.367, 330.927$, and if you desaturate by 10%, it is $70, 0.014, 309.853$.

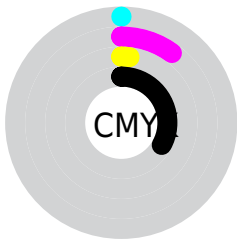
Distribution



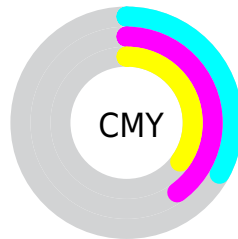
- Red (67%)
- Green (60%)
- Blue (65%)



- Red (67%)
- Yellow (60%)
- Blue (65%)



- Cyan (0%)
- Magenta (10%)
- Yellow (2%)
- Black (33%)





- Cyan (33%)
- Magenta (40%)
- Yellow (35%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 65, 10.142, 330.294 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 65, 10.142, 330.294 by changing the saturation by 10% instead.


 65, 10.142,
330.294


 65, 10.142,
330.294


 100, 10.142,
330.294


 55, 10.142,
330.294


 85, 10.142,
330.294

 45, 10.142,
330.294

 95, 10.142,
330.294

 35, 10.142,
330.294

 25, 10.142,
330.294

 15, 10.142,
330.294

 5, 10.142, 330.294

 0, 10.142, 330.294

65, 10.142,
330.294

65, 10.142,
330.294

61, 20.367,
330.927

70, 0.014, 309.853

56, 30.542,
331.569

74, 9.918, 149.175

52, 40.439,
332.223

79, 19.596,
148.612

49, 49.748,
332.890

84, 28.997,
148.084

46, 58.077,
333.571

88, 38.110,
147.586

43, 64.987,
334.275

93, 46.939,
147.116


41, 70.070,
335.017

93, 45.872,
148.261

39, 73.065,

93, 44.679,
149.487

335.821

 93, 43.501,
150.776

 39, 74.346,
336.696

Harmonies

Complementary

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



65, 10.142, 330.294



68, 10.111, 149.115

Rectangle

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



65, 10.142, 330.294



65, 10.142, 20.294



65, 10.142, 150.294



65, 10.142, 200.294

Sweetspot

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



65, 10.140, 330.295



87, 3.763, 329.816



64, 9.567, 297.455



46, 2.876, 329.882



95, 0.011, 296.813



47, 0.006, 296.813

Same Dimension

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



65, 10.140, 330.295



82, 15.132, 330.435



65, 7.295, 354.566



33, 5.690, 330.249



33, 67.257, 336.583



2, 9.912, 331.702

Inverse Universe

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



65, 10.140, 330.295



82, 15.132, 330.435



68, 7.113, 172.845



33, 5.690, 330.249



33, 67.257, 336.583



2, 9.912, 331.702

Previews

White Background



This preview shows how the CIELCh color 65, 10.142, 330.294 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 65, 10.142, 330.294 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

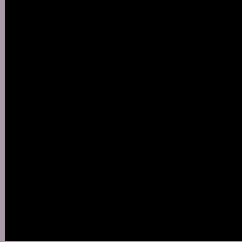
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 65, 10.142, 330.294

Background



This preview shows how black text looks on a background with the CIELCh color 65, 10.142, 330.294.



This preview shows how white text looks on a background with the CIELCh color 65, 10.142, 330.294.

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


65, 10.142, 330.294

Protanopia

65, 6.675, 290.891

Deuteranopia

65, 9.905, 328.564



Tritanopia
65, 9.327, 334.686

Trichromacy



Original Color
65, 10.142, 330.294

Protanomaly
65, 7.731, 310.713

Deuteranomaly
65, 9.905, 328.564

Tritanomaly
65, 9.727, 332.396

Monochromacy



Original Color
65, 10.142, 330.294

Achromatopsia
66, 0.008, 296.813

Achromatomaly
65, 3.873, 333.920

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 65, 10.142, 330.294 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(170, 153, 167)` looks like.

```
.text, #text, p{  
    color:rgb(170, 153, 167)  
}
```

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(170, 153, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 153, 167) }
```

Border

The CSS property to change the border of an element to CIELCh 65, 10.142, 330.294 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(170, 153, 167) }
```

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

```
.border{ border-color:rgb(170, 153, 167) }
```

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

Here you see how a box with a 4 pixel `rgb(170, 153, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 153, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 153, 167);  
box-shadow:4px 4px 4px 4px rgb(170, 153,  
167) }
```

Background

The CSS property to change the background color of an element to CIELCh 65, 10.142, 330.294 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 153, 167) }
```

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

```
.background{ background-color: rgb(170,  
153, 167) }
```

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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