

Converting Colors

CIELCh(65, 10.078, 309.500)

Have a look what the booklet for
CIELCh(65, 10.078, 309.500)
contains.

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Color

CIELCh(65, 9.956, 308.475)

Conversions

Conversions Part 1

Format	Color
Hex	A39BAC
RGB	163, 155, 172
RGB Percent	64%, 61%, 67%
CMY	0.3621, 0.3935, 0.3268
CMYK	0.05, 0.10, 0.00, 0.33
HSL	268°, 9%, 64%
HSV	268°, 10%, 67%
XYZ	34.1140, 34.0472, 43.6315
YIQ	159.3300, -0.6890, 6.9830

Conversions

Conversions Part 2

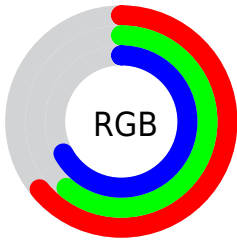
Format	Color
R_{YB}	163, 155, 172
Decimal	10722220
CIE _{Lab}	65.00, 6.19, -7.79
CIE _{LCh}	65, 9.956, 308.475
Yxy	34.0472, 0.3052, 0.3046
Android (android.graphics.Color)	4288912300 (0xFFA39BAC)
YUV	159.3300, 6.2463, 3.2186
Hunter-Lab	58.3500, 2.2466, -3.4895

Details

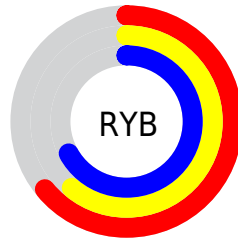
The CIELCh color $65, 9.956, 308.475$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $69, 9.807, 127.599$, and the grayscale version is $65, 0.008, 296.813$.

A 20% lighter version of the original color is $85, 10.043, 309.409$, and $45, 9.988, 307.471$ is the 20% darker color. If you saturate the color by 10%, you get $60, 20.297, 308.978$, and if you desaturate by 10%, it is $70, 0.092, 129.077$.

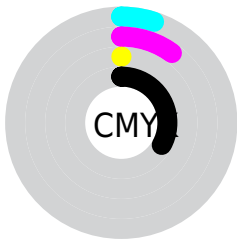
Distribution



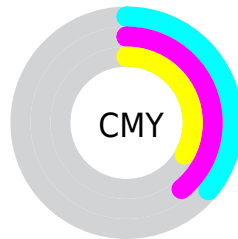
- Red (64%)
- Green (61%)
- Blue (67%)



- Red (64%)
- Yellow (61%)
- Blue (67%)



- Cyan (5%)
- Magenta (10%)
- Yellow (0%)
- Black (33%)



- Cyan (36%)
- Magenta (39%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 65, 9.956, 308.475 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, 9.956, 308.475 by changing the saturation by 10% instead.

■ 65, 9.956, 308.475

■ 65, 9.956, 308.475

■ 100, 9.956,
308.475

■ 55, 9.956, 308.475

■ 85, 9.956, 308.475

■ 45, 9.956, 308.475

■ 95, 9.956, 308.475

■ 35, 9.956, 308.475

■ 25, 9.956, 308.475

■ 15, 9.956, 308.475

■ 5, 9.956, 308.475

■ 0, 9.956, 308.475

■ 65, 9.956, 308.475

■ 65, 9.956, 308.475

■ 60, 20.297,

■ 70, 0.092, 129.077

308.978

76, 9.830, 127.630

55, 30.903,
309.520

81, 19.263,
127.265

49, 41.695,
310.088

86, 28.398,
126.946

44, 52.529,
310.657

91, 37.250,
126.668

40, 63.146,
311.185

96, 44.335,
125.841

35, 73.129,
311.605

96, 43.280,
121.669

31, 81.860,
311.821

97, 42.474,
117.228

28, 88.587,
311.716

98, 41.950,
112.570

26, 93.242,
311.311

Harmonies

Complementary

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



65, 9.956, 308.475



69, 9.807, 127.599

Rectangle

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



65, 9.956, 308.475



65, 9.956, 358.475



65, 9.956, 128.475



65, 9.956, 178.475

Sweetspot

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



65, 9.954, 308.472



87, 3.720, 308.134



67, 5.446, 253.016



46, 2.818, 308.176



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, 9.954, 308.472



81, 15.056, 308.586



66, 11.315, 324.044



34, 5.735, 308.444



22, 84.562, 311.428



1, 11.776, 304.927

Inverse Universe

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



66, 8.220, 342.846



82, 12.422, 343.051



69, 11.292, 143.021



34, 4.737, 342.795



32, 57.630, 358.535



2, 9.297, 347.215

Previews

White Background



This preview shows how the CIELCh color 65, 9.956, 308.475 looks on a white background.

Color Contrast Check

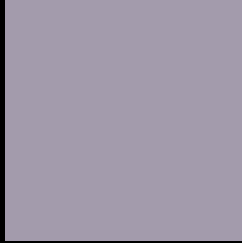
Large Text (above 18pt) WCAG AA × Fail

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, 9.956, 308.475 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, 9.956, 308.475

Background



This preview shows how black text looks on a background with the CIELCh color 65, 9.956, 308.475.



This preview shows how white text looks on a background with the CIELCh color 65, 9.956, 308.475.

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, 9.956, 308.475

Protanopia

65, 8.899, 288.766

Deuteranopia

65, 11.849, 317.336



Tritanopia
65, 7.731, 310.713

Trichromacy



Original Color
65, 9.956, 308.475

Protanomaly
65, 9.503, 295.606

Deuteranomaly
65, 10.872, 313.272

Tritanomaly
65, 8.255, 309.418

Monochromacy



Original Color
65, 9.956, 308.475

Achromatopsia
65, 0.008, 296.813

Achromatomaly
65, 4.071, 306.713

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 65, 9.956, 308.475 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(163, 155, 172)` looks like.

```
.text, #text, p{  
    color:rgb(163, 155, 172)  
}
```

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(163, 155, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 155, 172) }
```

Border

The CSS property to change the border of an element to CIELCh 65, 9.956, 308.475 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(163, 155, 172) }
```

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

```
.border{ border-color:rgb(163, 155, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(163, 155, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(163, 155, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(163, 155, 172);  
box-shadow:4px 4px 4px 4px rgb(163, 155,  
172) }
```

Background

The CSS property to change the background color of an element to CIELCh 65, 9.956, 308.475 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 155, 172) }
```

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

```
.background{ background-color: rgb(163,  
155, 172) }
```

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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