

Converting Colors

CIELCh(65, 22.474, 316.556)

Have a look what the booklet for
CIELCh(65, 22.474, 316.556)
contains.

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Color

CIELCh(65, 22.235, 317.249)

Conversions

Conversions Part 1

Format	Color
Hex	AF95B9
RGB	175, 149, 185
RGB Percent	69%, 58%, 73%
CMY	0.3143, 0.4162, 0.2751
CMYK	0.05, 0.19, 0.00, 0.28
HSL	283°, 20%, 65%
HSV	283°, 19%, 72%
XYZ	37.1165, 34.0472, 50.4371
YIQ	160.8780, 3.9400, 16.7080

Conversions

Conversions Part 2

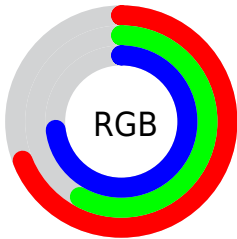
Format	Color
RYB	175, 149, 185
Decimal	11507129
CIELab	65.00, 16.33, -15.09
CIElCh	65, 22.235, 317.249
Yxy	34.0472, 0.3052, 0.2800
Android (android.graphics.Color)	4289697209 (0xFFAF95B9)
YUV	160.8780, 11.8921, 12.3850
Hunter-Lab	58.3500, 11.4317, -10.4047

Details

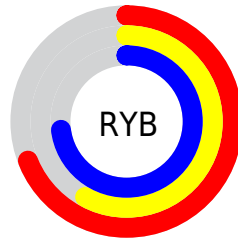
The CIELCh color $65, 22.235, 317.249$ is a light color, and the websafe version is hex `9999CC`. A complement of this color would be $72, 21.939, 135.551$, and the grayscale version is $66, 0.008, 296.813$.

A 20% lighter version of the original color is $85, 22.352, 317.557$, and $45, 22.350, 316.977$ is the 20% darker color. If you saturate the color by 10%, you get $60, 33.872, 317.684$, and if you desaturate by 10%, it is $70, 10.715, 316.810$.

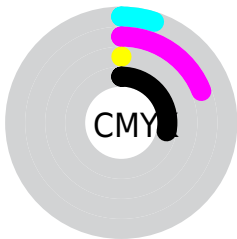
Distribution



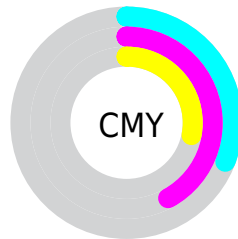
- Red (69%)
- Green (58%)
- Blue (73%)



- Red (69%)
- Yellow (58%)
- Blue (73%)



- Cyan (5%)
- Magenta (19%)
- Yellow (0%)
- Black (28%)




- Cyan (31%)
- Magenta (42%)
- Yellow (28%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 65, 22.235, 317.249 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, 22.235, 317.249 by changing the saturation by 10% instead.


 65, 22.235,
317.249


 65, 22.235,
317.249


 100, 22.235,
317.249


 55, 22.235,
317.249


 85, 22.235,
317.249

 45, 22.235,
317.249

 95, 22.235,
317.249

 35, 22.235,
317.249

 25, 22.235,
317.249

 15, 22.235,
317.249

 5, 22.235, 317.249

 0, 22.235, 317.249

65, 22.235,
317.249

65, 22.235,
317.249

60, 33.872,
317.684

70, 10.715,
316.810

55, 45.470,
318.101

75, 0.584, 136.714

50, 56.772,
318.474

81, 11.608,
136.036

46, 67.411,
318.765

86, 22.330,
135.664

42, 76.897,
318.925

91, 32.740,
135.326

39, 84.658,
318.896

95, 40.027,
134.520


37, 90.166,
318.620


96, 39.176,
132.211

35, 93.498,

96, 38.388,
129.768

318.102

 96, 37.670,
127.193

 35, 93.663,
318.075

Harmonies

Complementary

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



65, 22.235, 317.249



72, 21.939, 135.551

Rectangle

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



65, 22.235, 317.249



65, 22.235, 7.249



65, 22.235, 137.249



65, 22.235, 187.249

Sweetspot

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



65, 22.233, 317.249



91, 8.357, 316.659



66, 14.664, 277.576



48, 5.543, 316.689



97, 0.011, 296.813



50, 0.007, 296.813

Same Dimension

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



65, 22.233, 317.249



80, 32.533, 317.419



66, 20.646, 332.343



36, 6.374, 316.804



29, 82.394, 318.193



2, 16.785, 313.127

Inverse Universe

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



65, 15.083, 359.466



80, 22.167, 359.942



72, 20.554, 149.764



36, 4.274, 358.334



32, 61.000, 22.255



2, 11.133, 3.011

Previews

White Background



This preview shows how the CIELCh color 65, 22.235, 317.249 looks on a white background.

Color Contrast Check

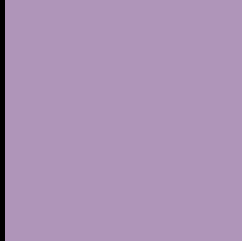
Large Text (above 18pt) WCAG AA × Fail

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, 22.235, 317.249 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

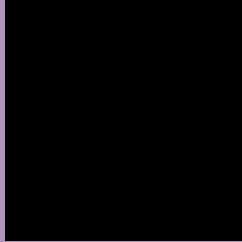
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 65, 22.235, 317.249

Background



This preview shows how black text looks on a background with the CIELCh color 65, 22.235, 317.249.



This preview shows how white text looks on a background with the CIELCh color 65, 22.235, 317.249.

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, 22.235, 317.249

Protanopia

65, 18.951, 286.921

Deuteranopia

65, 16.938, 300.408



Tritanopia
65, 10.171, 339.473

Trichromacy



Original Color
65, 22.235, 317.249

Protanomaly
65, 19.709, 299.402

Deuteranomaly
65, 18.602, 307.713

Tritanomaly
65, 14.353, 326.365

Monochromacy



Original Color
65, 22.235, 317.249

Achromatopsia
66, 0.008, 296.813

Achromatomaly
66, 8.003, 315.782

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 65, 22.235, 317.249 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(175, 149, 185)` looks like.

```
.text, #text, p{  
    color:rgb(175, 149, 185)  
}
```

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(175, 149, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 149, 185) }
```

Border

The CSS property to change the border of an element to CIELCh 65, 22.235, 317.249 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(175, 149, 185) }
```

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

```
.border{ border-color:rgb(175, 149, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(175, 149, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(175, 149, 185); -webkit-box-shadow:4px 4px 4px 4px rgb(175, 149, 185); box-shadow:4px 4px 4px 4px rgb(175, 149, 185) }
```

Background

The CSS property to change the background color of an element to CIELCh 65, 22.235, 317.249 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 149, 185) }
```

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

```
.background{ background-color: rgb(175,  
149, 185) }
```

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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