

Converting Colors

CIELCh(65, 22.166, 343.970)

Have a look what the booklet for
CIELCh(65, 22.166, 343.970)
contains.

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Color

CIELCh(65, 21.982, 344.587)

Conversions

Conversions Part 1

Format	Color
Hex	BF91A9
RGB	191, 145, 169
RGB Percent	75%, 57%, 66%
CMY	0.2522, 0.4325, 0.3385
CMYK	0.00, 0.24, 0.12, 0.25
HSL	329°, 26%, 66%
HSV	329°, 24%, 75%
XYZ	38.6183, 34.0472, 41.9214
YIQ	161.4900, 19.7120, 17.2160

Conversions

Conversions Part 2

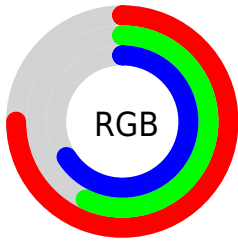
Format	Color
R_{YB}	191, 145, 169
Decimal	12554665
CIE _{Lab}	65.00, 21.19, -5.84
CIE _{LCh}	65, 21.982, 344.587
Yxy	34.0472, 0.3370, 0.2971
Android (android.graphics.Color)	4290744745 (0xFFBF91A9)
YUV	161.4900, 3.7024, 25.8803
Hunter-Lab	58.3500, 16.0258, -1.7518

Details

The CIELCh color $65, 21.982, 344.587$ is a light color, and the websafe version is hex `CC9999`. A complement of this color would be $73, 21.400, 160.388$, and the grayscale version is $66, 0.008, 296.813$.

A 20% lighter version of the original color is $85, 22.067, 344.824$, and $45, 22.080, 344.532$ is the 20% darker color. If you saturate the color by 10%, you get $60, 31.188, 345.645$, and if you desaturate by 10%, it is $70, 12.759, 343.640$.

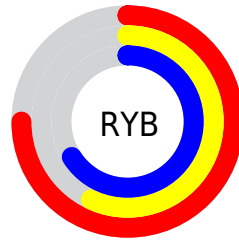
Distribution



Red (75%)

Green (57%)

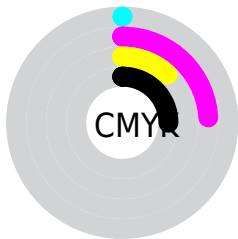
Blue (66%)



Red (75%)

Yellow (57%)

Blue (66%)

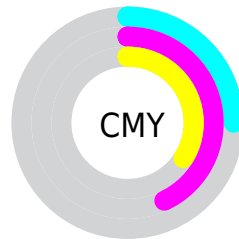


Cyan (0%)

Magenta (24%)

Yellow (12%)

Black (25%)



Cyan (25%)


Magenta (43%)


Yellow (34%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 65, 21.982, 344.587 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, 21.982, 344.587 by changing the saturation by 10% instead.


 65, 21.982,
344.587


 65, 21.982,
344.587


 100, 21.982,
344.587


 55, 21.982,
344.587


 85, 21.982,
344.587

 45, 21.982,
344.587

 95, 21.982,
344.587

 35, 21.982,
344.587

 25, 21.982,
344.587

 15, 21.982,
344.587

 5, 21.982, 344.587

 0, 21.982, 344.587

65, 21.982,
344.587

65, 21.982,
344.587

60, 31.188,
345.645

70, 12.759,
343.640

56, 40.145,
346.849

75, 3.679, 342.720

80, 5.172, 162.129

52, 48.517,
348.255

86, 13.747,
161.375

48, 55.873,
349.938

91, 22.029,
160.712

45, 61.744,
352.007

95, 27.657,
161.816

43, 65.745,
354.600

95, 24.867,
170.172

42, 67.749,
357.872

96, 22.664,
180.327

41, 68.379, 0.046

■ 96, 21.242,
192.195

Harmonies

Complementary

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



65, 21.982, 344.587



73, 21.400, 160.388

Rectangle

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



65, 21.982, 344.587



65, 21.982, 34.587



65, 21.982, 164.587



65, 21.982, 214.587

Sweetspot

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



65, 21.980, 344.589



93, 7.757, 343.010



63, 26.940, 309.082



49, 5.085, 343.065



99, 0.012, 296.813



52, 0.007, 296.813

Same Dimension

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



65, 21.980, 344.589



79, 32.731, 345.138



64, 18.554, 18.638



37, 5.054, 343.211



34, 59.617, 359.423



3, 14.124, 350.325

Inverse Universe

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



65, 21.980, 344.589



79, 32.731, 345.138



74, 15.973, 195.192



37, 5.054, 343.211



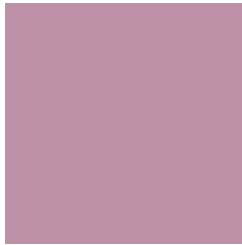
34, 59.617, 359.423



3, 14.124, 350.325

Previews

White Background



This preview shows how the CIELCh color 65, 21.982, 344.587 looks on a white background.

Color Contrast Check

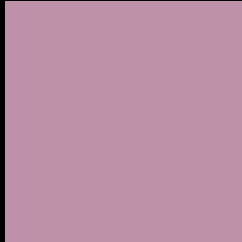
Large Text (above 18pt) WCAG AA × Fail

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, 21.982, 344.587 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, 21.982, 344.587

Background



This preview shows how black text looks on a background with the CIELCh color 65, 21.982, 344.587.



This preview shows how white text looks on a background with the CIELCh color 65, 21.982, 344.587.

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, 21.982, 344.587

Protanopia
65, 10.576, 287.366

Deuteranopia
65, 9.905, 328.564



Tritanopia
65, 17.515, 0.944

Trichromacy



Original Color
65, 21.982, 344.587

Protanomaly
65, 12.509, 317.768

Deuteranomaly
65, 14.353, 336.726

Tritanomaly
65, 19.198, 354.017

Monochromacy



Original Color
65, 21.982, 344.587

Achromatopsia
66, 0.008, 296.813

Achromatomaly
66, 8.220, 342.850

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 65, 21.982, 344.587 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(191, 145, 169)` looks like.

```
.text, #text, p{  
    color:rgb(191, 145, 169)  
}
```

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(191, 145, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 145, 169) }
```

Border

The CSS property to change the border of an element to CIELCh 65, 21.982, 344.587 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(191, 145, 169) }
```

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

```
.border{ border-color:rgb(191, 145, 169) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 145, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 145, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 145, 169);  
box-shadow:4px 4px 4px 4px rgb(191, 145,  
169) }
```

Background

The CSS property to change the background color of an element to CIELCh 65, 21.982, 344.587 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 145, 169) }
```

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

```
.background{ background-color: rgb(191,  
145, 169) }
```

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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