

Converting Colors

CIELCh(65, 24.776, 338.997)

Have a look what the booklet for
CIELCh(65, 24.776, 338.997)
contains.

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Color

CIELCh(65, 24.535, 339.414)

Conversions

Conversions Part 1

Format	Color
Hex	C090AE
RGB	192, 144, 174
RGB Percent	75%, 56%, 68%
CMY	0.2485, 0.4366, 0.3190
CMYK	0.00, 0.25, 0.09, 0.25
HSL	322°, 27%, 66%
HSV	322°, 25%, 75%
XYZ	39.1768, 34.0472, 44.3747
YIQ	161.7720, 18.9780, 19.5060

Conversions

Conversions Part 2

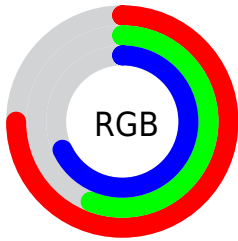
Format	Color
R_{YB}	192, 144, 174
Decimal	12619950
CIE Lab	65.00, 22.97, -8.63
CIE LCh	65, 24.535, 339.414
Yxy	34.0472, 0.3331, 0.2895
Android (android.graphics.Color)	4290810030 (0xFFC090AE)
YUV	161.7720, 6.0284, 26.5100
Hunter-Lab	58.3500, 17.7345, -4.2446

Details

The CIELCh color `65, 24.535, 339.414` is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be `74, 24.153, 155.440`, and the grayscale version is `66, 0.008, 296.813`.

A 20% lighter version of the original color is `85, 24.497, 339.871`, and `45, 24.771, 339.089` is the 20% darker color. If you saturate the color by 10%, you get `60, 34.314, 340.319`, and if you desaturate by 10%, it is `70, 14.657, 338.583`.

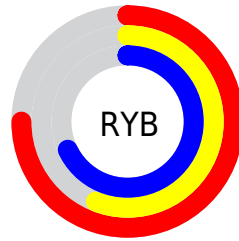
Distribution



Red (75%)

Green (56%)

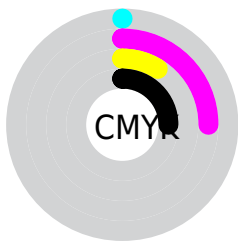
Blue (68%)



Red (75%)

Yellow (56%)

Blue (68%)

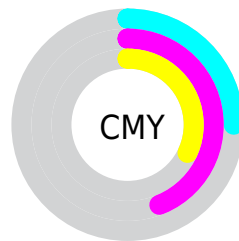


Cyan (0%)

Magenta (25%)

Yellow (9%)

Black (25%)



Cyan (25%)


Magenta (44%)

Yellow (32%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 65, 24.535, 339.414 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, 24.535, 339.414 by changing the saturation by 10% instead.


 65, 24.535,
339.414

 65, 24.535,
339.414

 100, 24.535,
339.414

 55, 24.535,
339.414


 85, 24.535,
339.414

 45, 24.535,
339.414

 95, 24.535,
339.414

 35, 24.535,
339.414

 25, 24.535,
339.414

 15, 24.535,
339.414

 5, 24.535, 339.414

 0, 24.535, 339.414

65, 24.535,
339.414

65, 24.535,
339.414

60, 34.314,
340.319

70, 14.657,
338.583

56, 43.732,
341.318

75, 4.867, 337.776

80, 4.728, 157.217

52, 52.417,
342.447

85, 14.064,
156.511

49, 59.911,
343.754

91, 23.115,
155.888

46, 65.725,
345.309

95, 29.723,
156.373

44, 69.464,
347.208


95, 27.226,
161.919

42, 70.997,
349.562

95, 24.993,
168.477

42, 71.301,

350.855

 96, 23.109,
176.171

Harmonies

Complementary

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



65, 24.535, 339.414



74, 24.153, 155.440

Rectangle

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



65, 24.535, 339.414



65, 24.535, 29.414



65, 24.535, 159.414



65, 24.535, 209.414

Sweetspot

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



65, 24.533, 339.415



93, 9.620, 338.032



63, 27.716, 305.731



49, 6.844, 338.153



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, 24.533, 339.415



80, 36.490, 339.897



64, 19.453, 10.972



38, 5.551, 338.131



35, 62.721, 350.449



3, 17.181, 344.739

Inverse Universe

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



65, 24.533, 339.415



80, 36.490, 339.897



74, 17.195, 186.408



38, 5.551, 338.131



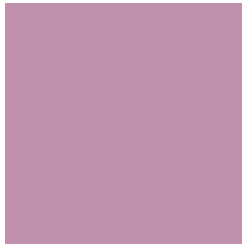
35, 62.721, 350.449



3, 17.181, 344.739

Previews

White Background



This preview shows how the CIELCh color 65, 24.535, 339.414 looks on a white background.

Color Contrast Check

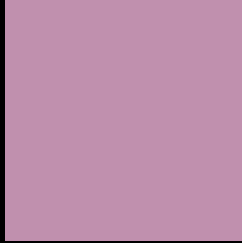
Large Text (above 18pt) WCAG AA × Fail

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, 24.535, 339.414 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

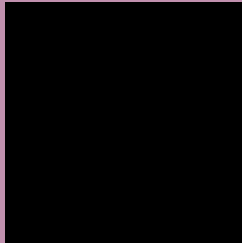
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 65, 24.535, 339.414

Background



This preview shows how black text looks on a background with the CIELCh color 65, 24.535, 339.414.



This preview shows how white text looks on a background with the CIELCh color 65, 24.535, 339.414.

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, 24.535, 339.414

Protanopia
65, 13.916, 287.239

Deuteranopia
65, 11.176, 316.852



Tritanopia
65, 18.438, 0.283

Trichromacy



Original Color
65, 24.535, 339.414

Protanomaly
65, 16.209, 312.865

Deuteranomaly
65, 16.127, 328.581

Tritanomaly
65, 20.602, 350.952

Monochromacy



Original Color
65, 24.535, 339.414

Achromatopsia
66, 0.008, 296.813

Achromatomaly
66, 8.924, 337.175

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 65, 24.535, 339.414 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(192, 144, 174)` looks like.

```
.text, #text, p{  
    color:rgb(192, 144, 174)  
}
```

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(192, 144, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 144, 174) }
```

Border

The CSS property to change the border of an element to CIELCh 65, 24.535, 339.414 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(192, 144, 174) }
```

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

```
.border{ border-color:rgb(192, 144, 174) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 144, 174)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(192, 144, 174); -webkit-box-shadow:4px 4px 4px 4px rgb(192, 144, 174); box-shadow:4px 4px 4px 4px rgb(192, 144, 174) }
```

Background

The CSS property to change the background color of an element to CIELCh 65, 24.535, 339.414 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 144, 174) }
```

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

```
.background{ background-color: rgb(192,  
144, 174) }
```

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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