

Converting Colors

CIELCh(65, 23.005, 320.776)

Have a look what the booklet for
CIELCh(65, 23.005, 320.776)
contains.

CIELCh(65, 22.900, 320.673)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(65, 22.900, 320.673)

Conversions

Conversions Part 1

Format	Color
Hex	B294B8
RGB	178, 148, 184
RGB Percent	70%, 58%, 72%
CMY	0.3024, 0.4201, 0.2789
CMYK	0.03, 0.20, 0.00, 0.28
HSL	290°, 20%, 65%
HSV	290°, 20%, 72%
XYZ	37.5406, 34.0472, 49.8715
YIQ	161.0740, 6.3240, 17.5560

Conversions

Conversions Part 2

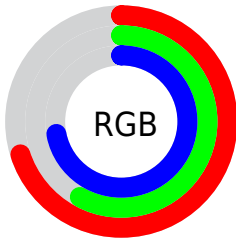
Format	Color
R_{YB}	178, 148, 184
Decimal	11703480
CIE _{Lab}	65.00, 17.71, -14.51
CIE _{LCh}	65, 22.900, 320.673
Yxy	34.0472, 0.3091, 0.2803
Android (android.graphics.Color)	4289893560 (0xFFB294B8)
YUV	161.0740, 11.3025, 14.8441
Hunter-Lab	58.3500, 12.7291, -9.8300

Details

The CIELCh color $65, 22.900, 320.673$ is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be $72, 22.724, 138.811$, and the grayscale version is $66, 0.008, 296.813$.

A 20% lighter version of the original color is $85, 23.005, 320.776$, and $45, 23.018, 320.634$ is the 20% darker color. If you saturate the color by 10%, you get $60, 34.713, 321.124$, and if you desaturate by 10%, it is $70, 11.123, 320.209$.

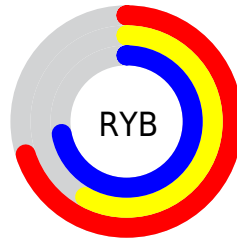
Distribution



Red (70%)

Green (58%)

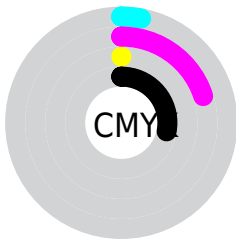
Blue (72%)



Red (70%)

Yellow (58%)

Blue (72%)

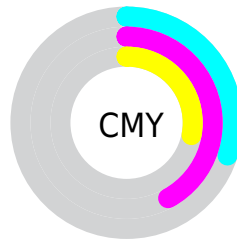


Cyan (3%)

Magenta (20%)

Yellow (0%)

Black (28%)



Cyan (30%)

Magenta (42%)

Yellow (28%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 65, 22.900, 320.673 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, 22.900, 320.673 by changing the saturation by 10% instead.


 65, 22.900,
320.673


 65, 22.900,
320.673


 100, 22.900,
320.673


 55, 22.900,
320.673


 85, 22.900,
320.673

 45, 22.900,
320.673

 95, 22.900,
320.673

 35, 22.900,
320.673

 25, 22.900,
320.673

 15, 22.900,
320.673

 5, 22.900, 320.673

 0, 22.900, 320.673

65, 22.900,
320.673

65, 22.900,
320.673

60, 34.713,
321.124

70, 11.123,
320.209

56, 46.364,
321.549

75, 0.481, 140.205

51, 57.554,
321.925

80, 11.832,
139.367

48, 67.882,
322.220

85, 22.887,
138.950

44, 76.857,
322.399

90, 33.626,
138.563

42, 83.968,
322.421

95, 42.151,
138.060

40, 88.811,
322.253

95, 41.586,
136.850

38, 91.587,

95, 41.036,
135.594

321.907

95, 40.505,
134.292

38, 91.696,
321.892

Harmonies

Complementary

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



65, 22.900, 320.673



72, 22.724, 138.811

Rectangle

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



65, 22.900, 320.673



65, 22.900, 10.673



65, 22.900, 140.673



65, 22.900, 190.673

Sweetspot

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



65, 22.898, 320.673



91, 8.622, 320.042



64, 16.496, 283.871



48, 5.718, 320.074



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, 22.898, 320.673



81, 33.433, 320.847



65, 19.268, 336.338



36, 6.572, 320.198



32, 81.015, 321.969



2, 17.445, 317.685

Inverse Universe

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



65, 14.571, 7.722



80, 21.451, 8.187



72, 19.097, 153.506



36, 4.095, 6.596



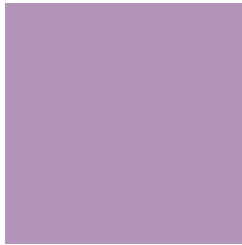
32, 65.200, 31.085



2, 10.829, 9.378

Previews

White Background



This preview shows how the CIELCh color 65, 22.900, 320.673 looks on a white background.

Color Contrast Check

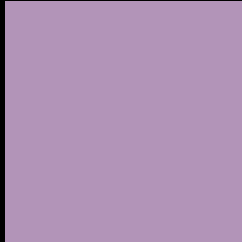
Large Text (above 18pt) WCAG AA × Fail

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, 22.900, 320.673 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

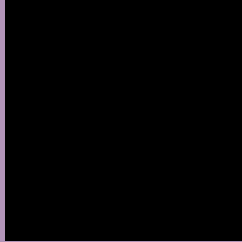
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 65, 22.900, 320.673

Background



This preview shows how black text looks on a background with the CIELCh color 65, 22.900, 320.673.



This preview shows how white text looks on a background with the CIELCh color 65, 22.900, 320.673.

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, 22.900, 320.673

Protanopia

65, 18.951, 286.921

Deuteranopia

65, 16.389, 300.663



Tritanopia
65, 10.755, 345.930

Trichromacy



Original Color
65, 22.900, 320.673

Protanomaly
65, 19.758, 300.423

Deuteranomaly
65, 18.175, 309.287

Tritanomaly
65, 14.610, 331.387

Monochromacy



Original Color
65, 22.900, 320.673

Achromatopsia
66, 0.008, 296.813

Achromatomaly
66, 8.361, 320.496

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 65, 22.900, 320.673 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(178, 148, 184)` looks like.

```
.text, #text, p{  
    color:rgb(178, 148, 184)  
}
```

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(178, 148, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 148, 184) }
```

Border

The CSS property to change the border of an element to CIELCh 65, 22.900, 320.673 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(178, 148, 184) }
```

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

```
.border{ border-color:rgb(178, 148, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(178, 148, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 148, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 148, 184);  
box-shadow:4px 4px 4px 4px rgb(178, 148,  
184) }
```

Background

The CSS property to change the background color of an element to CIELCh 65, 22.900, 320.673 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 148, 184) }
```

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

```
.background{ background-color: rgb(178,  
148, 184) }
```

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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