

Converting Colors

CIELCh(65, 36.794, 293.854)

Have a look what the booklet for
CIELCh(65, 36.794, 293.854)
contains.

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Color

CIELCh(65, 36.722, 293.922)

Conversions

Conversions Part 1

Format	Color
Hex	9898DA
RGB	152, 152, 218
RGB Percent	60%, 60%, 85%
CMY	0.4052, 0.4051, 0.1464
CMYK	0.30, 0.30, 0.00, 0.15
HSL	240°, 47%, 72%
HSV	240°, 30%, 85%
XYZ	36.6804, 34.0472, 70.7432
YIQ	159.5240, -21.1860, 20.5260

Conversions

Conversions Part 2

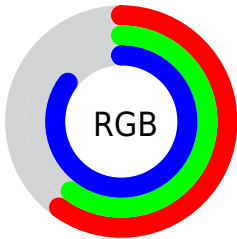
Format	Color
RYB	152, 152, 218
Decimal	10000602
CIELab	65.00, 14.89, -33.57
CIElCh	65, 36.722, 293.922
Yxy	34.0472, 0.2593, 0.2407
Android (android.graphics.Color)	4288190682 (0xFF9898DA)
YUV	159.5240, 28.8287, -6.5985
Hunter-Lab	58.3500, 10.0977, -31.0379

Details

The CIELCh color `65, 36.722, 293.922` is a light color, and the websafe version is hex `9999CC`. A complement of this color would be `86, 34.105, 107.238`, and the grayscale version is `65, 0.008, 296.813`.

A 20% lighter version of the original color is `84, 25.884, 293.808`, and `45, 36.971, 294.120` is the 20% darker color. If you saturate the color by 10%, you get `58, 49.898, 295.614`, and if you desaturate by 10%, it is `72, 24.092, 292.474`.

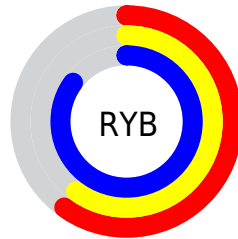
Distribution



Red (60%)

Green (60%)

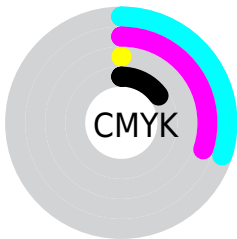
Blue (85%)



Red (60%)

Yellow (60%)

Blue (85%)

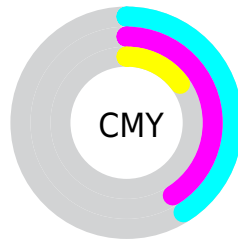


Cyan (30%)

Magenta (30%)

Yellow (0%)

Black (15%)



Cyan (41%)


Magenta (41%)


Yellow (15%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 65, 36.722, 293.922 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, 36.722, 293.922 by changing the saturation by 10% instead.


 65, 36.722,
293.922


 65, 36.722,
293.922


 100, 36.722,
293.922


 55, 36.722,
293.922


 85, 36.722,
293.922

 45, 36.722,
293.922

 95, 36.722,
293.922

 35, 36.722,
293.922

 25, 36.722,
293.922

 15, 36.722,
293.922

 5, 36.722, 293.922

 0, 36.722, 293.922

65, 36.722,
293.922

65, 36.722,
293.922

58, 49.898,
295.614

72, 24.092,
292.474

51, 63.600,
297.556

80, 11.988,
291.248

44, 77.661,
299.703

87, 0.368, 290.387

38, 91.573,
301.925

94, 10.803,
109.312

32, 104.186,
303.965

99, 18.872,
108.750

29, 113.625,
305.479

27, 118.736,
306.286

Harmonies

Complementary

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



65, 36.722, 293.922



86, 34.105, 107.238

Rectangle

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



65, 36.722, 293.922



65, 36.722, 343.922



65, 36.722, 113.922



65, 36.722, 163.922

Sweetspot

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



65, 36.721, 293.922



93, 11.865, 291.111



83, 21.771, 196.356



48, 8.268, 291.274



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



65, 36.721, 293.922



70, 50.228, 294.908



68, 38.125, 309.996



42, 6.626, 291.150



20, 100.207, 306.285



2, 29.598, 294.912

Inverse Universe

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



69, 26.699, 21.941



76, 36.840, 22.746



83, 36.478, 127.057



43, 4.639, 19.917



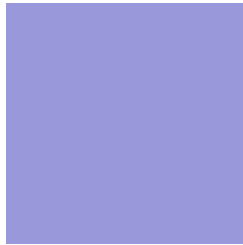
36, 78.227, 39.921



5, 23.840, 20.261

Previews

White Background



This preview shows how the CIELCh color 65, 36.722, 293.922 looks on a white background.

Color Contrast Check

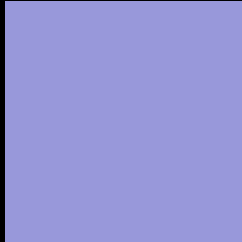
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIELCh color 65, 36.722, 293.922 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

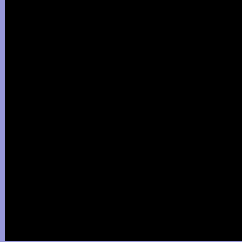
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 65, 36.722, 293.922

Background



This preview shows how black text looks on a background with the CIELCh color 65, 36.722, 293.922.



This preview shows how white text looks on a background with the CIELCh color 65, 36.722, 293.922.

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, 36.722, 293.922

Protanopia

65, 36.858, 285.811

Deuteranopia

65, 34.107, 284.728



Tritanopia
65, 9.545, 248.484

Trichromacy



Original Color
65, 36.722, 293.922

Protanomaly
65, 36.738, 288.599

Deuteranomaly
65, 35.075, 288.636

Tritanomaly
65, 18.091, 279.971

Monochromacy



Original Color
65, 36.722, 293.922

Achromatopsia
65, 0.008, 296.813

Achromatomaly
65, 13.355, 291.583

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 65, 36.722, 293.922 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(152, 152, 218)` looks like.

```
.text, #text, p{  
    color:rgb(152, 152, 218)  
}
```

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(152, 152, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 152, 218) }
```

Border

The CSS property to change the border of an element to CIELCh 65, 36.722, 293.922 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(152, 152, 218) }
```

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

```
.border{ border-color:rgb(152, 152, 218) }
```

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

Here you see how a box with a 4 pixel `rgb(152, 152, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 152, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 152, 218);  
box-shadow:4px 4px 4px 4px rgb(152, 152,  
218) }
```

Background

The CSS property to change the background color of an element to CIELCh 65, 36.722, 293.922 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 152, 218) }
```

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

```
.background{ background-color: rgb(152,  
152, 218) }
```

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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