

Converting Colors

CIELCh(64, 22.395, 292.502)

Have a look what the booklet for
CIELCh(64, 22.395, 292.502)
contains.

CIELCh(64, 22.332, 292.528)	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(64, 22.332, 292.528)

Conversions

Conversions Part 1

Format	Color
Hex	9898C0
RGB	152, 152, 192
RGB Percent	60%, 60%, 75%
CMY	0.4051, 0.4050, 0.2482
CMYK	0.21, 0.21, 0.00, 0.25
HSL	240°, 24%, 67%
HSV	240°, 21%, 75%
XYZ	33.5558, 32.8017, 54.2553
YIQ	156.5600, -12.8400, 12.4400

Conversions

Conversions Part 2

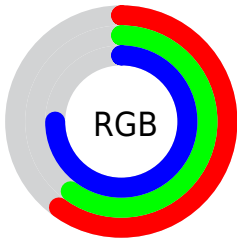
Format	Color
RYB	152, 152, 192
Decimal	10000576
CIELab	64.00, 8.56, -20.63
CIELCh	64, 22.332, 292.528
Yxy	32.8017, 0.2782, 0.2720
Android (android.graphics.Color)	4288190656 (0xFF9898C0)
YUV	156.5600, 17.4719, -3.9991
Hunter-Lab	57.2727, 4.3550, -16.0754

Details

The CIELCh color `64, 22.332, 292.528` is a light color, and the websafe version is hex `9999CC`. A complement of this color would be `77, 21.284, 108.170`, and the grayscale version is `64, 0.008, 296.813`.

A 20% lighter version of the original color is `84, 22.189, 292.917`, and `44, 22.193, 292.353` is the 20% darker color. If you saturate the color by 10%, you get `57, 33.736, 293.970`, and if you desaturate by 10%, it is `71, 11.394, 291.302`.

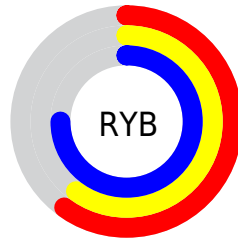
Distribution



Red (60%)

Green (60%)

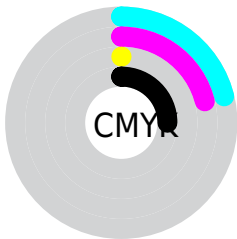
Blue (75%)



Red (60%)

Yellow (60%)

Blue (75%)

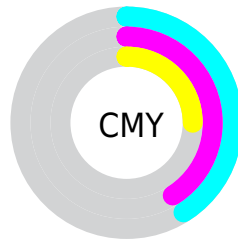


Cyan (21%)

Magenta (21%)

Yellow (0%)

Black (25%)



Cyan (41%)

Magenta (41%)

Yellow (25%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 64, 22.332, 292.528 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 64, 22.332, 292.528 by changing the saturation by 10% instead.

 64, 22.332,
292.528

 64, 22.332,
292.528

 100, 22.332,
292.528

 54, 22.332,
292.528


 84, 22.332,
292.528

 44, 22.332,
292.528

 94, 22.332,
292.528

 34, 22.332,
292.528

 24, 22.332,
292.528

 14, 22.332,
292.528

 4, 22.332, 292.528

 0, 22.332, 292.528

64, 22.332,
292.528

64, 22.332,
292.528

57, 33.736,
293.970

71, 11.394,
291.302

51, 45.634,
295.655

77, 0.893, 290.325

83, 9.205, 109.364

45, 57.999,
297.585

90, 18.930,
108.615

38, 70.683,
299.716

96, 28.310,
107.972

33, 83.230,
301.920

99, 31.868,
107.753

28, 94.620,
303.946

25, 103.190,
305.457

23, 107.963,

Harmonies

Complementary

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



64, 22.332, 292.528



77, 21.284, 108.170

Rectangle

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



64, 22.332, 292.528



64, 22.332, 342.528



64, 22.332, 112.528



64, 22.332, 162.528

Sweetspot

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



64, 22.331, 292.527



93, 7.738, 290.789



75, 13.972, 196.869



49, 5.138, 290.857



99, 0.012, 296.813



52, 0.007, 296.813

Same Dimension

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



64, 22.331, 292.527



78, 33.508, 293.154



66, 23.369, 309.474



37, 5.983, 291.137



18, 94.718, 306.286



1, 19.478, 291.131

Inverse Universe

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



66, 15.973, 20.892



82, 24.159, 21.353



75, 22.692, 127.531



38, 4.187, 19.911



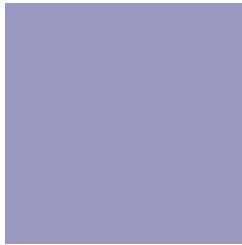
33, 73.723, 39.719



3, 13.999, 19.399

Previews

White Background



This preview shows how the CIELCh color 64, 22.332, 292.528 looks on a white background.

Color Contrast Check

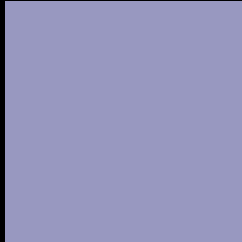
Large Text (above 18pt) WCAG AA × Fail

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 64, 22.332, 292.528 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

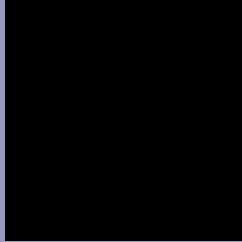
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 64, 22.332, 292.528

Background



This preview shows how black text looks on a background with the CIELCh color 64, 22.332, 292.528.



This preview shows how white text looks on a background with the CIELCh color 64, 22.332, 292.528.

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

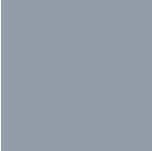
64, 22.332, 292.528

Protanopia

64, 22.386, 286.448

Deuteranopia

64, 22.329, 291.651



Tritanopia
64, 7.389, 264.457

Trichromacy



Original Color
64, 22.332, 292.528

Protanomaly
64, 22.340, 288.161

Deuteranomaly
64, 22.329, 291.651

Tritanomaly
64, 12.920, 283.599

Monochromacy



Original Color
64, 22.332, 292.528

Achromatopsia
64, 0.008, 296.813

Achromatomaly
64, 8.371, 291.078

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 64, 22.332, 292.528 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, 192)` looks like.

```
.text, #text, p{  
    color:rgb(152, 152, 192)  
}
```

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, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 152, 192) }
```

Border

The CSS property to change the border of an element to CIELCh 64, 22.332, 292.528 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, 192) }
```

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

```
.border{ border-color:rgb(152, 152, 192) }
```

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, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 152, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 152, 192);  
box-shadow:4px 4px 4px 4px rgb(152, 152,  
192) }
```

Background

The CSS property to change the background color of an element to CIELCh 64, 22.332, 292.528 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, 192) }
```

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

```
.background{ background-color: rgb(152,  
152, 192) }
```

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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