

Converting Colors

CIELCh(60, 22.235, 269.831)

Have a look what the booklet for
CIELCh(60, 22.235, 269.831)
contains.

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Color

CIELCh(60, 22.258, 269.868)

Conversions

Conversions Part 1

Format	Color
Hex	7892B7
RGB	120, 146, 183
RGB Percent	47%, 57%, 72%
CMY	0.5280, 0.4260, 0.2809
CMYK	0.34, 0.20, 0.00, 0.28
HSL	215°, 31%, 60%
HSV	215°, 34%, 72%
XYZ	26.7178, 28.1233, 49.0266
YIQ	142.4440, -27.3730, 5.9950

Conversions

Conversions Part 2

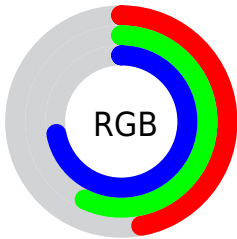
Format	Color
RYB	120, 138, 183
Decimal	7901879
CIELab	60.00, -0.05, -22.26
CIElCh	60, 22.258, 269.868
Yxy	28.1233, 0.2572, 0.2708
Android (android.graphics.Color)	4286091959 (0xFF7892B7)
YUV	142.4440, 19.9941, -19.6834
Hunter-Lab	53.0314, -2.8747, -17.6906

Details

The CIELCh color $60, 22.258, 269.868$ is a light color, and the websafe version is hex $6699CC$. A complement of this color would be $66, 23.290, 79.783$, and the grayscale version is $59, 0.008, 296.813$.

A 20% lighter version of the original color is $80, 22.141, 269.675$, and $40, 22.111, 269.621$ is the 20% darker color. If you saturate the color by 10%, you get $56, 28.781, 272.160$, and if you desaturate by 10%, it is $64, 15.753, 267.916$.

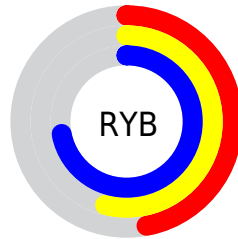
Distribution



Red (47%)

Green (57%)

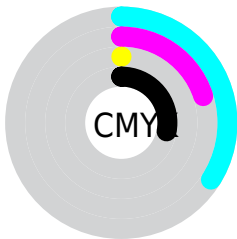
Blue (72%)



Red (47%)

Yellow (54%)

Blue (72%)

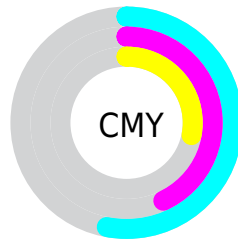


Cyan (34%)

Magenta (20%)

Yellow (0%)

Black (28%)



Cyan (53%)

Magenta (43%)

Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 60, 22.258, 269.868 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 60, 22.258, 269.868 by changing the saturation by 10% instead.

 60, 22.258,
269.868


 60, 22.258,
269.868


 100, 22.258,
269.868


 50, 22.258,
269.868


 80, 22.258,
269.868

 40, 22.258,
269.868

 90, 22.258,
269.868

 30, 22.258,
269.868

 20, 22.258,
269.868

 10, 22.258,
269.868

 0, 22.258, 269.868

 60, 22.258,

 60, 22.258,

269.868

269.868

■ 56, 28.781,
272.160

■ 64, 15.753,
267.916

■ 52, 35.336,
274.842

■ 68, 9.269, 266.262

■ 48, 41.951,
277.939

■ 73, 2.812, 264.909

■ 77, 3.607, 83.510

■ 44, 48.669,
281.445

■ 81, 9.978, 82.505

■ 40, 55.542,
285.289

■ 85, 16.292, 81.599

■ 90, 22.541, 80.801

■ 37, 62.593,
289.321

■ 93, 26.727, 89.065

■ 35, 66.652,
291.493

■ 96, 30.778, 99.330

Harmonies

Complementary

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



60, 22.258, 269.868



66, 23.290, 79.783

Rectangle

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



60, 22.258, 269.868



60, 22.258, 319.868



60, 22.258, 89.868



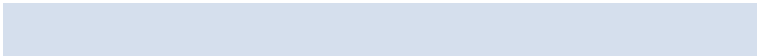
60, 22.258, 139.868

Sweetspot

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



60, 22.257, 269.867



89, 7.948, 265.651



70, 26.969, 165.028



47, 5.468, 265.849



97, 0.011, 296.813



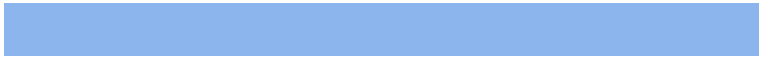
50, 0.007, 296.813

Same Dimension

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



60, 22.257, 269.867



72, 32.767, 271.507



53, 36.544, 297.144



37, 3.657, 265.536



30, 58.231, 290.946



3, 11.058, 273.494

Inverse Universe

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



58, 28.645, 352.234



70, 42.167, 353.261



73, 33.614, 110.603



36, 4.602, 349.425



33, 58.459, 9.702



2, 11.685, 355.721

Previews

White Background



This preview shows how the CIELCh color 60, 22.258, 269.868 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 60, 22.258, 269.868 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

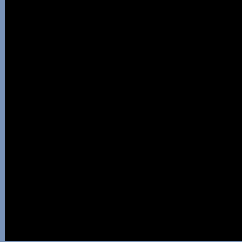
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

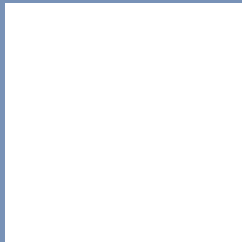
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 60, 22.258, 269.868

Background



This preview shows how black text looks on a background with the CIELCh color 60, 22.258, 269.868.

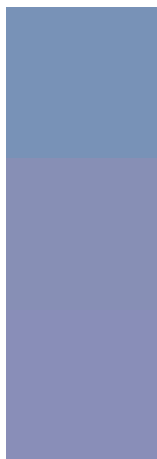


This preview shows how white text looks on a background with the CIELCh color 60, 22.258, 269.868.

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


60, 22.258, 269.868

Protanopia

60, 21.571, 285.278

Deuteranopia

60, 23.760, 288.707



Tritanopia
60, 13.745, 228.193

Trichromacy



Original Color
60, 22.258, 269.868

Protanomaly
60, 21.830, 280.061

Deuteranomaly
60, 22.868, 281.666

Tritanomaly
60, 15.805, 247.687

Monochromacy



Original Color
60, 22.258, 269.868

Achromatopsia
59, 0.008, 296.813

Achromatomaly
59, 8.509, 268.208

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 60, 22.258, 269.868 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(120, 146, 183)` looks like.

```
.text, #text, p{  
    color:rgb(120, 146, 183)  
}
```

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(120, 146, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(120, 146, 183) }
```

Border

The CSS property to change the border of an element to CIELCh 60, 22.258, 269.868 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(120, 146, 183) }
```

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

```
.border{ border-color:rgb(120, 146, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(120, 146, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(120, 146, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(120, 146, 183);  
box-shadow:4px 4px 4px 4px rgb(120, 146,  
183) }
```

Background

The CSS property to change the background color of an element to CIELCh 60, 22.258, 269.868 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(120, 146, 183) }
```

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

```
.background{ background-color: rgb(120,  
146, 183) }
```

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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