

Converting Colors

CIELCh(60, 24.218, 240.479)

Have a look what the booklet for
CIELCh(60, 24.218, 240.479)
contains.

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Color

CIELCh(60, 24.196, 241.200)

Conversions

Conversions Part 1

Format	Color
Hex	5B98B5
RGB	91, 152, 181
RGB Percent	36%, 60%, 71%
CMY	0.6421, 0.4029, 0.2892
CMYK	0.50, 0.16, 0.00, 0.29
HSL	199°, 38%, 53%
HSV	199°, 50%, 71%
XYZ	23.9773, 28.1233, 48.0215
YIQ	137.0670, -45.6650, -3.9130

Conversions

Conversions Part 2

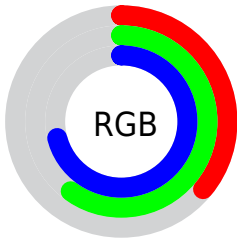
Format	Color
R_{YB}	91, 127, 181
Decimal	6002869
CIE _{Lab}	60.00, -11.66, -21.20
CIE _{LCh}	60, 24.196, 241.200
Yxy	28.1233, 0.2395, 0.2809
Android (android.graphics.Color)	4284192949 (0xFF5B98B5)
YUV	137.0670, 21.6590, -40.4008
Hunter-Lab	53.0314, -12.0993, -16.5668

Details

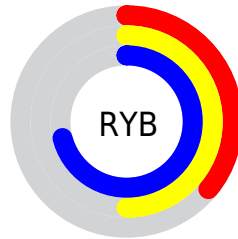
The CIELCh color `60, 24.196, 241.200` is a dark color, and the websafe version is hex `3399CC`. A complement of this color would be `56, 32.850, 51.276`, and the grayscale version is `57, 0.007, 296.813`.

A 20% lighter version of the original color is `80, 24.286, 241.642`, and `40, 24.217, 241.108` is the 20% darker color. If you saturate the color by 10%, you get `58, 27.968, 243.740`, and if you desaturate by 10%, it is `63, 19.989, 239.153`.

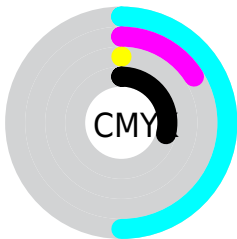
Distribution



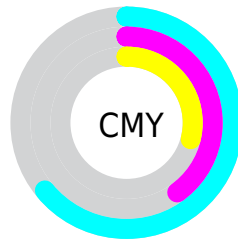
- Red (36%)
- Green (60%)
- Blue (71%)



- Red (36%)
- Yellow (50%)
- Blue (71%)



- Cyan (50%)
- Magenta (16%)
- Yellow (0%)
- Black (29%)




- Cyan (64%)
- Magenta (40%)
- Yellow (29%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 60, 24.196, 241.200 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, 24.196, 241.200 by changing the saturation by 10% instead.


 60, 24.196,
241.200


 60, 24.196,
241.200


 100, 24.196,
241.200


 50, 24.196,
241.200


 80, 24.196,
241.200

 40, 24.196,
241.200

 90, 24.196,
241.200

 30, 24.196,
241.200

 20, 24.196,
241.200

 10, 24.196,
241.200

 0, 24.196, 241.200

 60, 24.196,

 60, 24.196,

241.200

241.200

■ 58, 27.968,
243.740

■ 63, 19.989,
239.153

■ 55, 31.292,
246.863

■ 65, 15.390,
237.520

■ 53, 34.197,
250.631

■ 68, 10.455,
236.224

■ 51, 36.770,
255.057

■ 71, 5.243, 235.222

■ 49, 39.209,
259.920

■ 74, 0.190, 51.888

■ 77, 5.793, 53.551

■ 49, 39.299,
260.086

■ 80, 11.523, 53.052

■ 83, 17.343, 52.632

■ 86, 23.223, 52.288

Harmonies

Complementary

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



60, 24.196, 241.200



56, 32.850, 51.276

Rectangle

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



60, 24.196, 241.200



60, 24.196, 291.200



60, 24.196, 61.200



60, 24.196, 111.200

Sweetspot

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



60, 24.195, 241.199



88, 9.938, 235.747



67, 46.971, 150.306



46, 6.745, 235.965



96, 0.011, 296.813



49, 0.007, 296.813

Same Dimension

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



60, 24.195, 241.199



73, 34.503, 244.126



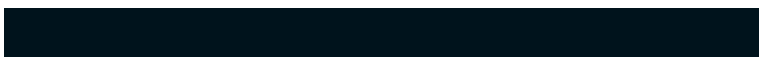
47, 43.436, 289.458



37, 3.113, 235.197



42, 34.874, 259.418



5, 8.791, 248.211

Inverse Universe

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



51, 47.298, 339.164



61, 68.362, 340.352



68, 40.206, 95.631



36, 5.511, 335.811



34, 63.096, 346.241



3, 13.806, 340.572

Previews

White Background



This preview shows how the CIE LCh color 60, 24.196, 241.200 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, 24.196, 241.200 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

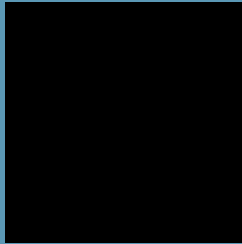
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 60, 24.196, 241.200

Background



This preview shows how black text looks on a background with the CIELCh color 60, 24.196, 241.200.

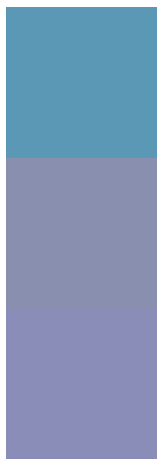


This preview shows how white text looks on a background with the CIELCh color 60, 24.196, 241.200.

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, 24.196, 241.200

Protanopia
60, 17.599, 285.264

Deuteranopia
60, 24.337, 289.680



Tritanopia
60, 22.371, 215.430

Trichromacy



Original Color
60, 24.196, 241.200

Protanomaly
60, 19.266, 265.168

Deuteranomaly
60, 22.691, 271.309

Tritanomaly
60, 22.388, 225.077

Monochromacy



Original Color
60, 24.196, 241.200

Achromatopsia
57, 0.007, 296.813

Achromatomaly
58, 9.938, 233.841

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 60, 24.196, 241.200 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(91, 152, 181)` looks like.

```
.text, #text, p{  
    color:rgb(91, 152, 181)  
}
```

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(91, 152, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(91, 152, 181) }
```

Border

The CSS property to change the border of an element to CIELCh 60, 24.196, 241.200 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(91, 152, 181) }
```

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

```
.border{ border-color:rgb(91, 152, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(91, 152, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(91, 152, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(91, 152, 181);  
box-shadow:4px 4px 4px 4px rgb(91, 152,  
181) }
```

Background

The CSS property to change the background color of an element to CIELCh 60, 24.196, 241.200 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(91, 152, 181) }
```

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

```
.background{ background-color: rgb(91, 152,  
181) }
```

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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