

Converting Colors

CIELCh(60, 18.319, 251.121)

Have a look what the booklet for
CIELCh(60, 18.319, 251.121)
contains.

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Color

CIELCh(60, 18.544, 251.505)

Conversions

Conversions Part 1

Format	Color
Hex	7195AF
RGB	113, 149, 175
RGB Percent	44%, 58%, 69%
CMY	0.5566, 0.4155, 0.3135
CMYK	0.35, 0.15, 0.00, 0.31
HSL	205°, 28%, 56%
HSV	205°, 35%, 69%
XYZ	25.3161, 28.1233, 44.6795
YIQ	141.2000, -29.8020, 0.4540

Conversions

Conversions Part 2

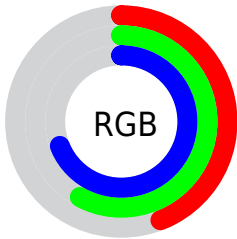
Format	Color
R_{YB}	113, 136, 175
Decimal	7443887
CIE _{Lab}	60.00, -5.88, -17.59
CIE _{LCh}	60, 18.544, 251.505
Yxy	28.1233, 0.2580, 0.2866
Android (android.graphics.Color)	4285633967 (0xFF7195AF)
YUV	141.2000, 16.6634, -24.7314
Hunter-Lab	53.0314, -7.5929, -12.8304

Details

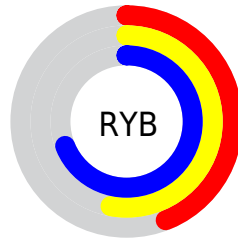
The CIELCh color $60, 18.544, 251.505$ is a dark color, and the websafe version is hex $6699CC$. A complement of this color would be $61, 21.535, 62.511$, and the grayscale version is $59, 0.008, 296.813$.

A 20% lighter version of the original color is $80, 18.639, 252.393$, and $40, 18.402, 251.734$ is the 20% darker color. If you saturate the color by 10%, you get $57, 23.340, 253.746$, and if you desaturate by 10%, it is $63, 13.525, 249.653$.

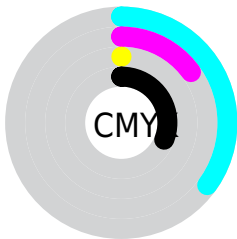
Distribution



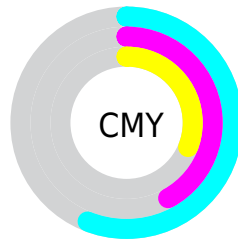
- Red (44%)
- Green (58%)
- Blue (69%)



- Red (44%)
- Yellow (53%)
- Blue (69%)



- Cyan (35%)
- Magenta (15%)
- Yellow (0%)
- Black (31%)



- Cyan (56%)
- Magenta (42%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 60, 18.544, 251.505 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, 18.544, 251.505 by changing the saturation by 10% instead.

■ 60, 18.544,
251.505

■ 60, 18.544,
251.505

■ 100, 18.544,
251.505

■ 50, 18.544,
251.505

■ 80, 18.544,
251.505

■ 40, 18.544,
251.505

■ 90, 18.544,
251.505

■ 30, 18.544,
251.505

■ 20, 18.544,
251.505

■ 10, 18.544,
251.505

■ 0, 18.544, 251.505

■ 60, 18.544,

■ 60, 18.544,

251.505

251.505

■ 57, 23.340,
253.746

■ 63, 13.525,
249.653

■ 54, 27.892,
256.452

■ 66, 8.318, 248.135

■ 51, 32.199,
259.685

■ 70, 2.959, 246.946

■ 73, 2.516, 65.597

■ 48, 36.295,
263.481

■ 76, 8.075, 64.813

■ 46, 40.256,
267.822

■ 80, 13.691, 64.079

■ 83, 19.339, 63.446

■ 43, 44.196,
272.591

■ 87, 25.001, 62.900

■ 42, 46.064,
274.724

■ 88, 26.309, 71.605

Harmonies

Complementary

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



60, 18.544, 251.505



61, 21.535, 62.511

Rectangle

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



60, 18.544, 251.505



60, 18.544, 301.505



60, 18.544, 71.505



60, 18.544, 121.505

Sweetspot

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



60, 18.543, 251.503



86, 7.369, 247.585



67, 30.554, 156.242



45, 4.983, 247.751



96, 0.011, 296.813



48, 0.006, 296.813

Same Dimension

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



60, 18.543, 251.503



74, 26.798, 253.099



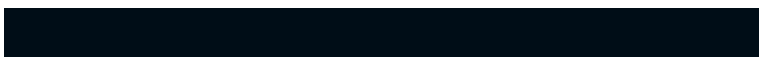
51, 33.084, 291.342



35, 3.054, 247.358



36, 40.785, 274.066



3, 6.920, 257.033

Inverse Universe

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



55, 31.313, 342.574



67, 45.656, 343.355



69, 30.785, 102.938



34, 4.907, 340.213



32, 58.635, 354.000



2, 9.608, 344.462

Previews

White Background



This preview shows how the CIELCh color 60, 18.544, 251.505 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 CIELCh color 60, 18.544, 251.505 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

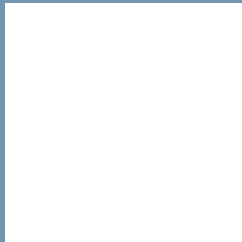
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 60, 18.544, 251.505

Background



This preview shows how black text looks on a background with the CIELCh color 60, 18.544, 251.505.



This preview shows how white text looks on a background with the CIELCh color 60, 18.544, 251.505.

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, 18.544, 251.505

Protanopia

60, 15.889, 285.539

Deuteranopia

60, 20.387, 293.428



Tritanopia
60, 15.396, 224.590

Trichromacy



Original Color
60, 18.544, 251.505

Protanomaly
60, 16.072, 271.613

Deuteranomaly
60, 18.498, 278.173

Tritanomaly
60, 16.052, 235.460

Monochromacy



Original Color
60, 18.544, 251.505

Achromatopsia
59, 0.008, 296.813

Achromatomaly
59, 6.924, 246.712

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 60, 18.544, 251.505 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(113, 149, 175)` looks like.

```
.text, #text, p{  
    color:rgb(113, 149, 175)  
}
```

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(113, 149, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(113, 149, 175) }
```

Border

The CSS property to change the border of an element to CIELCh 60, 18.544, 251.505 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(113, 149, 175) }
```

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

```
.border{ border-color:rgb(113, 149, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(113, 149, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(113, 149, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(113, 149, 175);  
box-shadow:4px 4px 4px 4px rgb(113, 149,  
175) }
```

Background

The CSS property to change the background color of an element to CIELCh 60, 18.544, 251.505 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(113, 149, 175) }
```

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

```
.background{ background-color: rgb(113,  
149, 175) }
```

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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