

Converting Colors

CIELCh(66, 20.137, 254.513)

Have a look what the booklet for
CIELCh(66, 20.137, 254.513)
contains.

CIELCh(66, 20.305, 254.190)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(66, 20.305, 254.190)

Conversions

Conversions Part 1

Format	Color
Hex	7FA5C3
RGB	127, 165, 195
RGB Percent	50%, 65%, 76%
CMY	0.5023, 0.3532, 0.2356
CMYK	0.35, 0.15, 0.00, 0.24
HSL	206°, 36%, 63%
HSV	206°, 35%, 76%
XYZ	32.0223, 35.3238, 56.7113
YIQ	157.0580, -32.2780, 1.2740

Conversions

Conversions Part 2

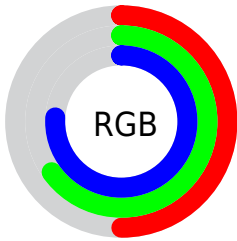
Format	Color
RYB	127, 151, 195
Decimal	8365507
CIELab	66.00, -5.53, -19.54
CIElCh	66, 20.305, 254.190
Yxy	35.3238, 0.2581, 0.2847
Android (android.graphics.Color)	4286555587 (0xFF7FA5C3)
YUV	157.0580, 18.7054, -26.3609
Hunter-Lab	59.4338, -7.8354, -14.9703

Details

The CIELCh color `66, 20.305, 254.190` is a light color, and the websafe version is hex `6699CC`. A complement of this color would be `67, 23.230, 64.891`, and the grayscale version is `65, 0.008, 296.813`.

A 20% lighter version of the original color is `86, 20.369, 254.812`, and `46, 20.230, 254.522` is the 20% darker color. If you saturate the color by 10%, you get `62, 25.717, 256.485`, and if you desaturate by 10%, it is `70, 14.683, 252.285`.

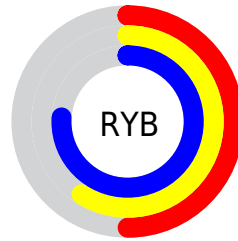
Distribution



Red (50%)

Green (65%)

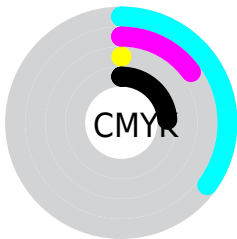
Blue (76%)



Red (50%)

Yellow (59%)

Blue (76%)

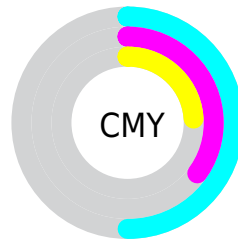


Cyan (35%)

Magenta (15%)

Yellow (0%)

Black (24%)



Cyan (50%)


Magenta (35%)


Yellow (24%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 66, 20.305, 254.190 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 66, 20.305, 254.190 by changing the saturation by 10% instead.


 66, 20.305,
254.190


 66, 20.305,
254.190


 100, 20.305,
254.190


 56, 20.305,
254.190


 86, 20.305,
254.190

 46, 20.305,
254.190

 96, 20.305,
254.190

 36, 20.305,
254.190

 26, 20.305,
254.190

 16, 20.305,
254.190

 6, 20.305, 254.190

 0, 20.305, 254.190

66, 20.305,
254.190

66, 20.305,
254.190

62, 25.717,
256.485

70, 14.683,
252.285

59, 30.901,
259.244

73, 8.886, 250.717

77, 2.947, 249.487

56, 35.864,
262.525

81, 3.097, 68.111

53, 40.644,
266.356

84, 9.214, 67.264

50, 45.327,
270.708

88, 15.378, 66.488

91, 19.421, 72.734

47, 50.033,
275.456

93, 21.535, 86.345

45, 52.520,
277.851

96, 24.624, 96.934

Harmonies

Complementary

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



66, 20.305, 254.190



67, 23.230, 64.891

Rectangle

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



66, 20.305, 254.190



66, 20.305, 304.190



66, 20.305, 74.190



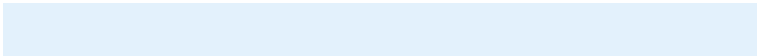
66, 20.305, 124.190

Sweetspot

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



66, 20.304, 254.188



95, 7.402, 250.083



73, 32.419, 157.043



50, 5.083, 250.267



0, 0.000, 0.000



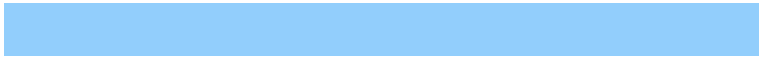
53, 0.007, 296.813

Same Dimension

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



66, 20.304, 254.188



80, 29.797, 255.935



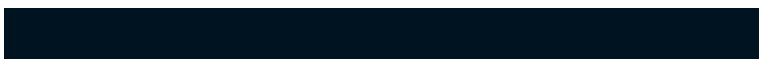
57, 36.228, 292.009



39, 3.388, 249.984



38, 44.929, 277.096



5, 12.032, 263.902

Inverse Universe

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



61, 33.208, 343.698



73, 49.112, 344.569



76, 33.619, 103.792



38, 5.300, 341.302



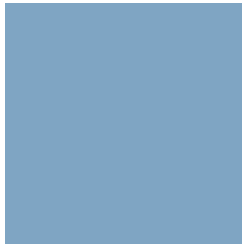
35, 60.973, 356.114



3, 16.401, 348.773

Previews

White Background



This preview shows how the CIE LCh color 66, 20.305, 254.190 looks on a white background.

Color Contrast Check

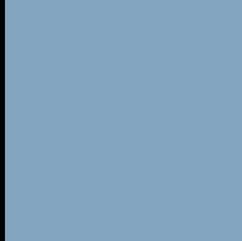
Large Text (above 18pt) WCAG AA × Fail

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 66, 20.305, 254.190 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

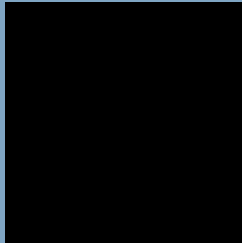
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

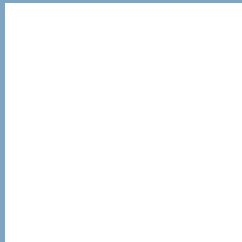
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 66, 20.305, 254.190

Background



This preview shows how black text looks on a background with the CIELCh color 66, 20.305, 254.190.



This preview shows how white text looks on a background with the CIELCh color 66, 20.305, 254.190.

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

66, 20.305, 254.190

Protanopia

66, 18.357, 286.664

Deuteranopia

66, 22.203, 292.462



Tritanopia
66, 16.211, 227.149

Trichromacy



Original Color
66, 20.305, 254.190

Protanomaly
66, 17.954, 273.143

Deuteranomaly
66, 20.366, 278.816

Tritanomaly
66, 17.258, 238.774

Monochromacy



Original Color
66, 20.305, 254.190

Achromatopsia
65, 0.008, 296.813

Achromatomaly
65, 7.843, 250.524

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 66, 20.305, 254.190 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(127, 165, 195)` looks like.

```
.text, #text, p{  
    color:rgb(127, 165, 195)  
}
```

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(127, 165, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 165, 195) }
```

Border

The CSS property to change the border of an element to CIELCh 66, 20.305, 254.190 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(127, 165, 195) }
```

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

```
.border{ border-color:rgb(127, 165, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(127, 165, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(127, 165, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(127, 165, 195);  
box-shadow:4px 4px 4px 4px rgb(127, 165,  
195) }
```

Background

The CSS property to change the background color of an element to CIELCh 66, 20.305, 254.190 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 165, 195) }
```

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

```
.background{ background-color: rgb(127,  
165, 195) }
```

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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