

Converting Colors

CIELCh(66, 24.388, 266.348)

Have a look what the booklet for
CIELCh(66, 24.388, 266.348)
contains.

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Color

CIELCh(66, 24.623, 267.136)

Conversions

Conversions Part 1

Format	Color
Hex	82A3CC
RGB	130, 163, 204
RGB Percent	51%, 64%, 80%
CMY	0.4900, 0.3606, 0.1998
CMYK	0.36, 0.20, 0.00, 0.20
HSL	213°, 42%, 66%
HSV	213°, 36%, 80%
XYZ	33.2248, 35.3238, 62.2259
YIQ	157.8070, -32.8290, 5.7550

Conversions

Conversions Part 2

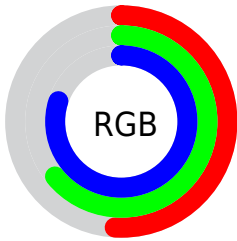
Format	Color
R_{YB}	130, 153, 204
Decimal	8561612
CIE _{Lab}	66.00, -1.23, -24.59
CIE _{LCh}	66, 24.623, 267.136
Yxy	35.3238, 0.2541, 0.2701
Android (android.graphics.Color)	4286751692 (0xFF82A3CC)
YUV	157.8070, 22.7731, -24.3867
Hunter-Lab	59.4338, -4.2237, -20.4716

Details

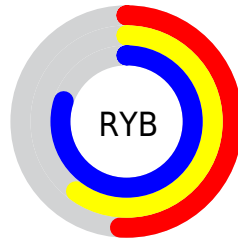
The CIELCh color **66, 24.623, 267.136** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **72, 26.354, 76.319**, and the grayscale version is **65, 0.008, 296.813**.

A 20% lighter version of the original color is **86, 21.760, 262.772**, and **46, 25.012, 267.896** is the 20% darker color. If you saturate the color by 10%, you get **62, 31.354, 269.554**, and if you desaturate by 10%, it is **70, 17.859, 265.086**.

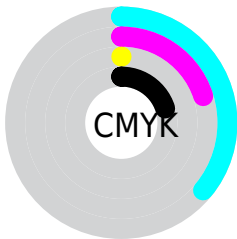
Distribution



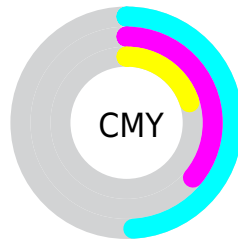
- Red (51%)
- Green (64%)
- Blue (80%)



- Red (51%)
- Yellow (60%)
- Blue (80%)



- Cyan (36%)
- Magenta (20%)
- Yellow (0%)
- Black (20%)





- Cyan (49%)
- Magenta (36%)
- Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 66, 24.623, 267.136 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, 24.623, 267.136 by changing the saturation by 10% instead.


 66, 24.623,
267.136


 66, 24.623,
267.136


 100, 24.623,
267.136


 56, 24.623,
267.136


 86, 24.623,
267.136

 46, 24.623,
267.136

 96, 24.623,
267.136

 36, 24.623,
267.136

 26, 24.623,
267.136

 16, 24.623,
267.136

 6, 24.623, 267.136

 0, 24.623, 267.136

■ 66, 24.623,
267.136

■ 66, 24.623,
267.136

■ 62, 31.354,
269.554

■ 70, 17.859,
265.086

■ 57, 38.066,
272.393

■ 75, 11.070,
263.357

■ 53, 44.788,
275.679

■ 79, 4.268, 261.926

■ 49, 51.578,
279.399

■ 84, 2.530, 80.456

■ 88, 9.308, 79.467

■ 46, 58.506,
283.473

■ 93, 16.052, 78.545

■ 42, 65.626,
287.724

■ 96, 20.040, 94.707

■ 99, 24.987,
106.981

■ 41, 68.349,
289.233

■ 99, 25.709,
108.227

Harmonies

Complementary

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



66, 24.623, 267.136



72, 26.354, 76.319

Rectangle

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



66, 24.623, 267.136



66, 24.623, 317.136



66, 24.623, 87.136



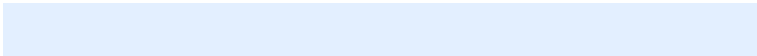
66, 24.623, 137.136

Sweetspot

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



66, 24.622, 267.135



94, 8.975, 262.584



77, 31.792, 162.856



49, 6.030, 262.784



0, 0.000, 0.000



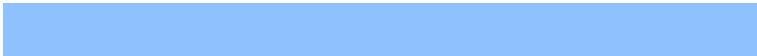
53, 0.007, 296.813

Same Dimension

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



66, 24.622, 267.135



77, 35.744, 269.117



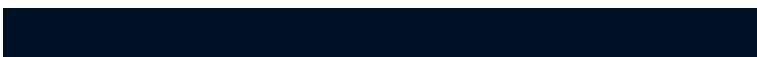
57, 42.230, 296.411



41, 3.862, 262.338



33, 57.660, 288.563



5, 16.166, 275.520

Inverse Universe

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



63, 33.564, 350.413



73, 48.695, 351.582



80, 38.562, 108.941



40, 5.127, 347.442



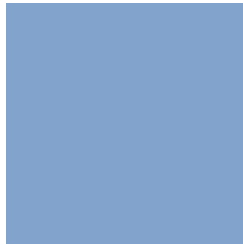
35, 61.152, 6.772



4, 19.430, 356.841

Previews

White Background



This preview shows how the CIELCh color 66, 24.623, 267.136 looks on a white background.

Color Contrast Check

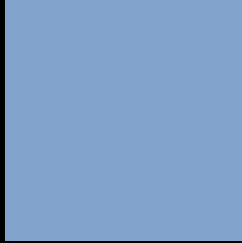
Large Text (above 18pt) WCAG AA × Fail

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, 24.623, 267.136 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

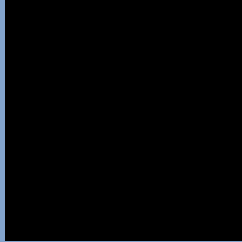
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

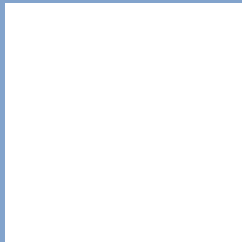
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 66, 24.623, 267.136

Background



This preview shows how black text looks on a background with the CIELCh color 66, 24.623, 267.136.

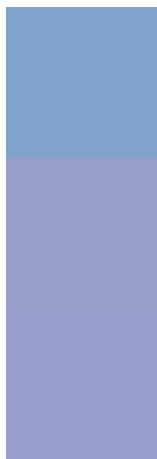


This preview shows how white text looks on a background with the CIELCh color 66, 24.623, 267.136.

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, 24.623, 267.136

Protanopia

66, 23.931, 286.208

Deuteranopia

66, 26.643, 289.339



Tritanopia
66, 16.211, 227.149

Trichromacy



Original Color
66, 24.623, 267.136

Protanomaly
66, 23.760, 278.921

Deuteranomaly
66, 25.815, 281.835

Tritanomaly
66, 18.008, 243.977

Monochromacy



Original Color
66, 24.623, 267.136

Achromatopsia
65, 0.008, 296.813

Achromatomaly
65, 9.281, 263.349

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 66, 24.623, 267.136 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(130, 163, 204)` looks like.

```
.text, #text, p{  
    color:rgb(130, 163, 204)  
}
```

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(130, 163, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(130, 163, 204) }
```

Border

The CSS property to change the border of an element to CIELCh 66, 24.623, 267.136 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(130, 163, 204) }
```

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

```
.border{ border-color:rgb(130, 163, 204) }
```

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

Here you see how a box with a 4 pixel rgb(130, 163, 204) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(130, 163, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(130, 163, 204);  
box-shadow:4px 4px 4px 4px rgb(130, 163,  
204) }
```

Background

The CSS property to change the background color of an element to CIELCh 66, 24.623, 267.136 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(130, 163, 204) }
```

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

```
.background{ background-color: rgb(130,  
163, 204) }
```

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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