

Converting Colors

CIELCh(66, 25.504, 219.503)

Have a look what the booklet for
CIELCh(66, 25.504, 219.503)
contains.

CIELCh(66, 25.624, 219.386)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(66, 25.624, 219.386)

Conversions

Conversions Part 1

Format	Color
Hex	5CACBD
RGB	92, 172, 189
RGB Percent	36%, 67%, 74%
CMY	0.6403, 0.3266, 0.2599
CMYK	0.51, 0.09, 0.00, 0.26
HSL	191°, 42%, 55%
HSV	191°, 51%, 74%
XYZ	28.2408, 35.3238, 53.3162
YIQ	150.0180, -53.1370, -11.6730

Conversions

Conversions Part 2

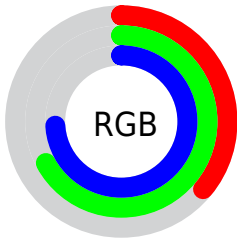
Format	Color
R _Y B	92, 136, 189
Decimal	6073533
CIE Lab	66.00, -19.80, -16.26
CIE LCh	66, 25.624, 219.386
Yxy	35.3238, 0.2416, 0.3022
Android (android.graphics.Color)	4284263613 (0xFF5CACBD)
YUV	150.0180, 19.2181, -50.8818
Hunter-Lab	59.4338, -19.1924, -11.5835

Details

The CIELCh color **66, 25.624, 219.386** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **54, 37.975, 37.821**, and the grayscale version is **62, 0.008, 296.813**.

A 20% lighter version of the original color is **86, 25.547, 218.527**, and **46, 25.667, 219.063** is the 20% darker color. If you saturate the color by 10%, you get **64, 28.862, 220.709**, and if you desaturate by 10%, it is **68, 21.700, 218.399**.

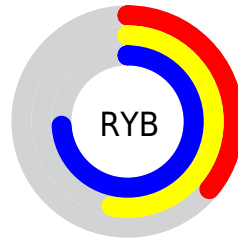
Distribution



Red (36%)

Green (67%)

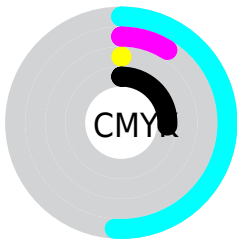
Blue (74%)



Red (36%)

Yellow (53%)

Blue (74%)

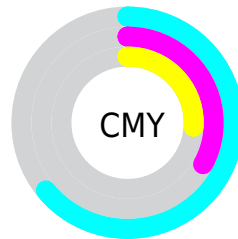


Cyan (51%)

Magenta (9%)

Yellow (0%)

Black (26%)



Cyan (64%)


Magenta (33%)


Yellow (26%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 66, 25.624, 219.386 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, 25.624, 219.386 by changing the saturation by 10% instead.


 66, 25.624,
219.386


 66, 25.624,
219.386


 100, 25.624,
219.386


 56, 25.624,
219.386


 86, 25.624,
219.386

 46, 25.624,
219.386

 96, 25.624,
219.386

 36, 25.624,
219.386

 26, 25.624,
219.386

 16, 25.624,
219.386

 6, 25.624, 219.386

 0, 25.624, 219.386

66, 25.624,
219.386

66, 25.624,
219.386

64, 28.862,
220.709

68, 21.700,
218.399

63, 31.365,
222.446

70, 17.170,
217.690

61, 33.127,
224.669

72, 12.123,
217.207

60, 34.202,
227.443

74, 6.650, 216.920

59, 34.757,
230.197

76, 0.839, 217.280

79, 5.236, 36.472

81, 11.507, 36.527

84, 17.919, 36.605

85, 21.911, 38.422

Harmonies

Complementary

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



66, 25.624, 219.386



54, 37.975, 37.821

Rectangle

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



66, 25.624, 219.386



66, 25.624, 269.386



66, 25.624, 39.386



66, 25.624, 89.386

Sweetspot

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



66, 25.623, 219.384



92, 10.694, 217.006



69, 56.141, 144.862



49, 7.249, 217.067



98, 0.011, 296.813



51, 0.007, 296.813

Same Dimension

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



66, 25.623, 219.384



81, 35.635, 220.957



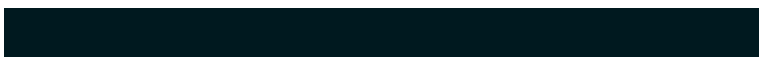
52, 38.144, 280.555



39, 3.323, 216.888



50, 30.479, 229.690



7, 9.589, 224.216

Inverse Universe

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



53, 55.546, 332.960



64, 79.817, 333.759



66, 38.289, 84.350



37, 6.261, 330.213



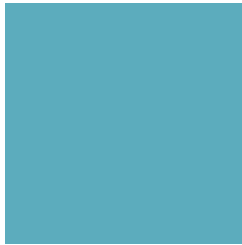
36, 70.643, 336.564



3, 18.062, 332.885

Previews

White Background



This preview shows how the CIELCh color 66, 25.624, 219.386 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 CIELCh color 66, 25.624, 219.386 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

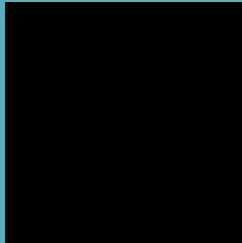
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 66, 25.624, 219.386

Background



This preview shows how black text looks on a background with the CIELCh color 66, 25.624, 219.386.

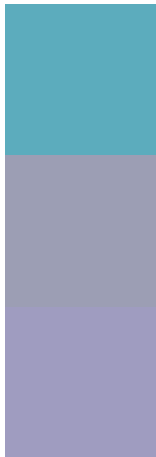


This preview shows how white text looks on a background with the CIELCh color 66, 25.624, 219.386.

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, 25.624, 219.386

Protanopia

66, 12.224, 288.091

Deuteranopia

66, 20.054, 295.235



Tritanopia
66, 25.589, 215.358

Trichromacy



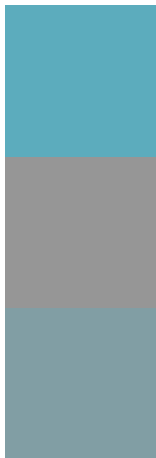
Original Color
66, 25.624, 219.386

Protanomaly
65, 14.843, 247.530

Deuteranomaly
66, 18.165, 261.905

Tritanomaly
66, 25.659, 216.641

Monochromacy



Original Color
66, 25.624, 219.386

Achromatopsia
62, 0.008, 296.813

Achromatomaly
63, 10.816, 216.733

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 66, 25.624, 219.386 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(92, 172, 189)` looks like.

```
.text, #text, p{  
    color:rgb(92, 172, 189)  
}
```

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(92, 172, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(92, 172, 189) }
```

Border

The CSS property to change the border of an element to CIELCh 66, 25.624, 219.386 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(92, 172, 189) }
```

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

```
.border{ border-color:rgb(92, 172, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(92, 172, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(92, 172, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(92, 172, 189);  
box-shadow:4px 4px 4px 4px rgb(92, 172,  
189) }
```

Background

The CSS property to change the background color of an element to CIELCh 66, 25.624, 219.386 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(92, 172, 189) }
```

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

```
.background{ background-color: rgb(92, 172,  
189) }
```

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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