

Converting Colors

CIELCh(66, 32.113, 220.685)

Have a look what the booklet for
CIELCh(66, 32.113, 220.685)
contains.

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Color

CIELCh(66, 32.089, 220.912)

Conversions

Conversions Part 1

Format	Color
Hex	3CAEC5
RGB	60, 174, 197
RGB Percent	24%, 68%, 77%
CMY	0.7640, 0.3171, 0.2269
CMYK	0.69, 0.12, 0.00, 0.23
HSL	190°, 54%, 50%
HSV	190°, 69%, 77%
XYZ	27.1269, 35.3238, 58.2885
YIQ	142.5360, -75.3270, -17.0150

Conversions

Conversions Part 2

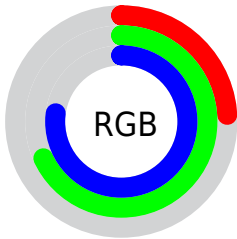
Format	Color
RYB	60, 122, 197
Decimal	3976901
CIELab	66.00, -24.25, -21.02
CIElCh	66, 32.089, 220.912
Yxy	35.3238, 0.2247, 0.2926
Android (android.graphics.Color)	4282166981 (0xFF3CAEC5)
YUV	142.5360, 26.8508, -72.3841
Hunter-Lab	59.4338, -22.5379, -16.5438

Details

The CIELCh color **66, 32.089, 220.912** is a dark color, and the websafe version is hex **339999**. The color can be described as middle muted azure. A complement of this color would be **50, 56.866, 39.164**, and the grayscale version is **59, 0.008, 296.813**.

A 20% lighter version of the original color is **86, 32.222, 220.855**, and **47, 28.330, 224.820** is the 20% darker color. If you saturate the color by 10%, you get **65, 34.021, 222.945**, and if you desaturate by 10%, it is **68, 29.371, 219.336**.

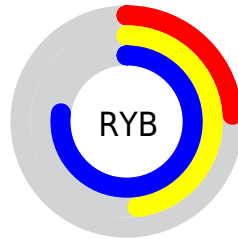
Distribution



Red (24%)

Green (68%)

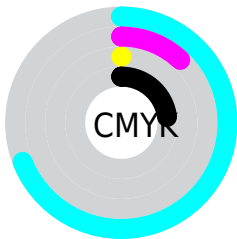
Blue (77%)



Red (24%)

Yellow (48%)

Blue (77%)

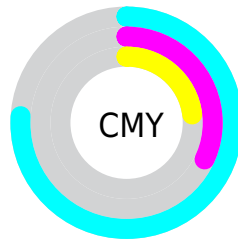


Cyan (69%)

Magenta (12%)

Yellow (0%)

Black (23%)



Cyan (76%)


Magenta (32%)


Yellow (23%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 66, 32.089, 220.912 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, 32.089, 220.912 by changing the saturation by 10% instead.


 66, 32.089,
220.912


 66, 32.089,
220.912


 100, 32.089,
220.912


 56, 32.089,
220.912


 86, 32.089,
220.912

 46, 32.089,
220.912


 96, 32.089,
220.912

 36, 32.089,
220.912

 26, 32.089,
220.912

 16, 32.089,
220.912

 6, 32.089, 220.912

 0, 32.089, 220.912

■ 66, 32.089,
220.912

■ 66, 32.089,
220.912

■ 65, 34.021,
222.945

■ 68, 29.371,
219.336

■ 63, 35.212,
225.503

■ 69, 25.887,
218.146

■ 62, 35.845,
228.558

■ 71, 21.696,
217.273

■ 62, 35.876,
228.722

■ 73, 16.884,
216.659

■ 75, 11.546,
216.256

■ 77, 5.779, 216.046

■ 80, 0.328, 34.165

■ 82, 6.697, 35.706

Harmonies

Complementary

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



66, 32.089, 220.912



50, 56.866, 39.164

Rectangle

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



66, 32.089, 220.912



66, 32.089, 270.912



66, 32.089, 40.912



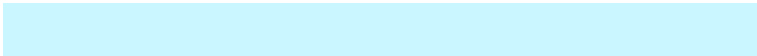
66, 32.089, 90.912

Sweetspot

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



66, 32.088, 220.911



94, 15.256, 216.316



71, 75.378, 142.353



49, 10.230, 216.419



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, 32.088, 220.911



81, 42.094, 224.104



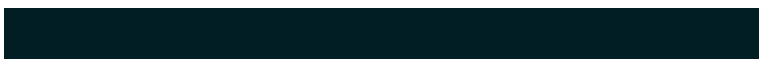
46, 54.424, 285.997



41, 3.486, 216.045



52, 31.181, 228.221



9, 11.295, 220.612

Inverse Universe

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



50, 73.151, 333.924



60, 98.048, 335.006



65, 53.359, 81.624



39, 6.573, 329.972



37, 72.684, 336.179



4, 23.096, 333.485

Previews

White Background



This preview shows how the CIE LCh color 66, 32.089, 220.912 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, 32.089, 220.912 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, 32.089, 220.912

Background



This preview shows how black text looks on a background with the CIELCh color 66, 32.089, 220.912.



This preview shows how white text looks on a background with the CIELCh color 66, 32.089, 220.912.

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, 32.089, 220.912

Protanopia
66, 15.578, 286.614

Deuteranopia
66, 24.997, 290.444



Tritanopia
66, 32.403, 212.055

Trichromacy



Original Color
66, 32.089, 220.912



Protanomaly
65, 19.889, 245.499



Deuteranomaly
65, 24.227, 257.367



Tritanomaly
66, 32.207, 215.345

Monochromacy



Original Color
66, 32.089, 220.912



Achromatopsia
59, 0.008, 296.813



Achromatomaly
61, 14.907, 218.252

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 66, 32.089, 220.912 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(60, 174, 197)` looks like.

```
.text, #text, p{  
    color:rgb(60, 174, 197)  
}
```

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(60, 174, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(60, 174, 197) }
```

Border

The CSS property to change the border of an element to CIELCh 66, 32.089, 220.912 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(60, 174, 197) }
```

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

```
.border{ border-color:rgb(60, 174, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(60, 174, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(60, 174, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(60, 174, 197);  
box-shadow:4px 4px 4px 4px rgb(60, 174,  
197) }
```

Background

The CSS property to change the background color of an element to CIELCh 66, 32.089, 220.912 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(60, 174, 197) }
```

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

```
.background{ background-color: rgb(60, 174,  
197) }
```

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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