

Converting Colors

CIELCh(66, 21.464, 301.742)

Have a look what the booklet for
CIELCh(66, 21.464, 301.742)
contains.

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Color

CIELCh(66, 21.464, 301.742)

Conversions

Conversions Part 1

Format	Color
Hex	A59BC1
RGB	165, 155, 193
RGB Percent	65%, 61%, 76%
CMY	0.3527, 0.3919, 0.2429
CMYK	0.15, 0.20, 0.00, 0.24
HSL	256°, 23%, 68%
HSV	256°, 20%, 76%
XYZ	36.8961, 35.3238, 55.3652
YIQ	162.3220, -6.2380, 13.9380

Conversions

Conversions Part 2

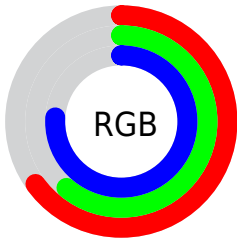
Format	Color
RYB	165, 155, 193
Decimal	10853313
CIELab	66.00, 11.29, -18.25
CIELCh	66, 21.464, 301.742
Yxy	35.3238, 0.2892, 0.2769
Android (android.graphics.Color)	4289043393 (0xFFA59BC1)
YUV	162.3220, 15.1243, 2.3486
Hunter-Lab	59.4338, 6.8022, -13.6275

Details

The CIELCh color $66, 21.464, 301.742$ is a light color, and the websafe version is hex $9999CC$. A complement of this color would be $76, 20.633, 119.213$, and the grayscale version is $67, 0.008, 296.813$.

A 20% lighter version of the original color is $86, 21.950, 301.697$, and $46, 21.173, 301.918$ is the 20% darker color. If you saturate the color by 10%, you get $60, 32.953, 302.560$, and if you desaturate by 10%, it is $72, 10.371, 301.017$.

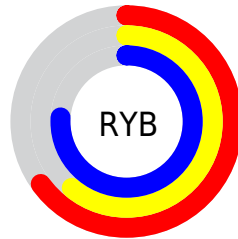
Distribution



Red (65%)

Green (61%)

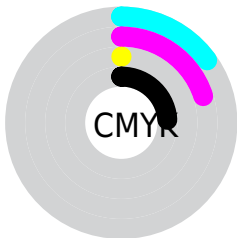
Blue (76%)



Red (65%)

Yellow (61%)

Blue (76%)

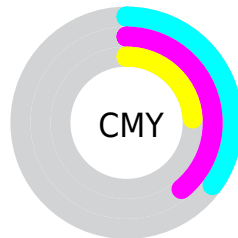


Cyan (15%)

Magenta (20%)

Yellow (0%)

Black (24%)



Cyan (35%)


Magenta (39%)


Yellow (24%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 66, 21.464, 301.742 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, 21.464, 301.742 by changing the saturation by 10% instead.


 66, 21.464,
301.742


 66, 21.464,
301.742


 100, 21.464,
301.742


 56, 21.464,
301.742


 86, 21.464,
301.742

 46, 21.464,
301.742

 96, 21.464,
301.742

 36, 21.464,
301.742

 26, 21.464,
301.742

 16, 21.464,
301.742

 6, 21.464, 301.742

 0, 21.464, 301.742

66, 21.464,
301.742

66, 21.464,
301.742

60, 32.953,
302.560

72, 10.371,
301.017

54, 44.814,
303.475

78, 0.324, 120.496

48, 56.958,
304.470

84, 10.637,
119.848

42, 69.176,
305.507

90, 20.587,
119.374

37, 81.040,
306.505

96, 30.195,
118.967

32, 91.778,
307.331

98, 31.247,
110.989

28, 100.251,
307.797

99, 31.187,
107.805

25, 105.838,

307.850

■ 25, 106.005,
307.854

Harmonies

Complementary

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



66, 21.464, 301.742



76, 20.633, 119.213

Rectangle

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



66, 21.464, 301.742



66, 21.464, 351.742



66, 21.464, 121.742



66, 21.464, 171.742

Sweetspot

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



66, 21.462, 301.741



94, 7.877, 300.779



73, 11.065, 226.666



49, 5.229, 300.822



99, 0.012, 296.813



52, 0.007, 296.813

Same Dimension

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



66, 21.462, 301.741



80, 32.545, 302.113



68, 23.450, 318.131



38, 6.087, 300.996



20, 92.364, 307.968



2, 19.686, 298.208

Inverse Universe

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



68, 20.930, 334.143



83, 31.505, 334.481



75, 23.171, 136.379



38, 6.012, 333.418



36, 67.082, 342.065



4, 18.870, 338.065

Previews

White Background



This preview shows how the CIELCh color 66, 21.464, 301.742 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, 21.464, 301.742 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

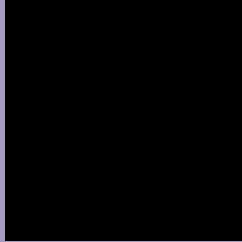
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 66, 21.464, 301.742

Background



This preview shows how black text looks on a background with the CIELCh color 66, 21.464, 301.742.



This preview shows how white text looks on a background with the CIELCh color 66, 21.464, 301.742.

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, 21.464, 301.742

Protanopia

66, 20.589, 285.631

Deuteranopia

66, 20.031, 295.225



Tritanopia
66, 6.711, 297.220

Trichromacy



Original Color
66, 21.464, 301.742

Protanomaly
66, 20.517, 291.327

Deuteranomaly
66, 20.697, 298.101

Tritanomaly
66, 11.769, 298.481

Monochromacy



Original Color
66, 21.464, 301.742

Achromatopsia
67, 0.008, 296.813

Achromatomaly
66, 7.926, 301.740

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 66, 21.464, 301.742 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(165, 155, 193)` looks like.

```
.text, #text, p{  
    color:rgb(165, 155, 193)  
}
```

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(165, 155, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 155, 193) }
```

Border

The CSS property to change the border of an element to CIELCh 66, 21.464, 301.742 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(165, 155, 193) }
```

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

```
.border{ border-color:rgb(165, 155, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(165, 155, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 155, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 155, 193);  
box-shadow:4px 4px 4px 4px rgb(165, 155,  
193) }
```

Background

The CSS property to change the background color of an element to CIELCh 66, 21.464, 301.742 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 155, 193) }
```

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

```
.background{ background-color: rgb(165,  
155, 193) }
```

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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