

Converting Colors

CIELCh(50, 62.636, 285.124)

Have a look what the booklet for
CIELCh(50, 62.636, 285.124)
contains.

CIELCh(50, 62.866, 285.216)	3
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Color

CIELCh(50, 62.866, 285.216)

Conversions

Conversions Part 1

Format	Color
Hex	2F74DF
RGB	47, 116, 223
RGB Percent	18%, 45%, 87%
CMY	0.8157, 0.5451, 0.1255
CMYK	0.79, 0.48, 0.00, 0.13
HSL	216°, 73%, 53%
HSV	216°, 79%, 87%
XYZ	20.7325, 18.4187, 72.2640
YIQ	107.5670, -75.4710, 18.6490

Conversions

Conversions Part 2

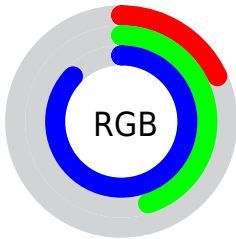
Format	Color
RYB	47, 97, 223
Decimal	3110111
CIELab	50.00, 16.50, -60.66
CIElCh	50, 62.866, 285.216
Yxy	18.4187, 0.1861, 0.1653
Android (android.graphics.Color)	4281300191 (0xFF2F74DF)
YUV	107.5670, 56.9085, -53.1173
Hunter-Lab	42.9170, 11.1259, -69.7912

Details

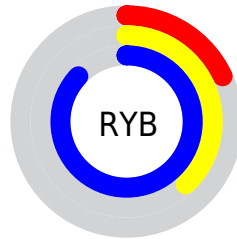
The CIELCh color **50, 62.866, 285.216** is a dark color, and the websafe version is hex **3366CC**. The color can be described as dark washed azure. A complement of this color would be **69, 64.715, 74.751**, and the grayscale version is **45, 0.006, 296.813**.

A 20% lighter version of the original color is **69, 49.294, 279.853**, and **32, 61.662, 291.149** is the 20% darker color. If you saturate the color by 10%, you get **46, 71.446, 289.147**, and if you desaturate by 10%, it is **54, 54.505, 281.535**.

Distribution



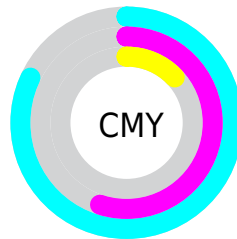
- Red (18%)
- Green (45%)
- Blue (87%)



- Red (18%)
- Yellow (38%)
- Blue (87%)



- Cyan (79%)
- Magenta (48%)
- Yellow (0%)
- Black (13%)





- Cyan (82%)
- Magenta (55%)
- Yellow (13%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 50, 62.866, 285.216 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 50, 62.866, 285.216 by changing the saturation by 10% instead.


 50, 62.866,
285.216


 50, 62.866,
285.216


 100, 62.866,
285.216


 40, 62.866,
285.216


 70, 62.866,
285.216

 30, 62.866,
285.216


 80, 62.866,
285.216


 20, 62.866,
285.216

 90, 62.866,
285.216

 10, 62.866,
285.216

 0, 62.866, 285.216

 50, 62.866,
285.216

 50, 62.866,
285.216

46, 71.446,
289.147

54, 54.505,
281.535

42, 80.198,
293.078

59, 46.335,
278.222

42, 81.146,
293.470

64, 38.301,
275.322

69, 30.358,
272.828

74, 22.480,
270.701

79, 14.656,
268.895

84, 6.889, 267.374

89, 0.815, 85.628

94, 8.448, 84.831

Harmonies

Complementary

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



50, 62.866, 285.216



69, 64.715, 74.751

Rectangle

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



50, 62.866, 285.216



50, 62.866, 335.216



50, 62.866, 105.216



50, 62.866, 155.216

Sweetspot

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



50, 62.866, 285.217



86, 20.761, 269.807



79, 63.071, 159.059



44, 14.281, 270.477



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



50, 62.866, 285.217



49, 85.623, 291.851



35, 103.829, 304.810



44, 4.406, 267.446



33, 66.848, 292.822



6, 22.367, 283.422

Inverse Universe

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



51, 69.798, 3.650



55, 83.897, 10.982



85, 80.751, 108.733



44, 5.365, 350.719



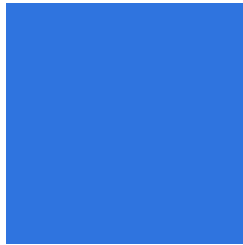
37, 64.274, 12.235



6, 25.650, 2.256

Previews

White Background



This preview shows how the CIE LCh color 50, 62.866, 285.216 looks on a white background.

Color Contrast Check

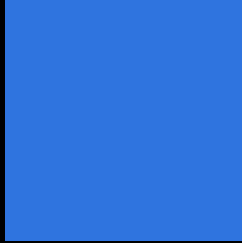
Large Text (above 18pt) WCAG AA ✓ Pass

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 50, 62.866, 285.216 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

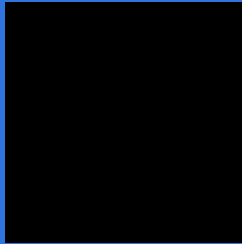
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

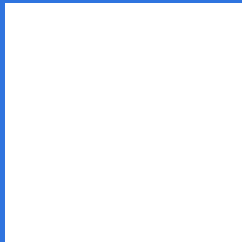
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 50, 62.866, 285.216

Background



This preview shows how black text looks on a background with the CIELCh color 50, 62.866, 285.216.



This preview shows how white text looks on a background with the CIELCh color 50, 62.866, 285.216.

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



Trichromacy



Original Color
50, 62.866, 285.216

Protanomaly
50, 62.737, 286.435

Tritanomaly
49, 33.884, 249.702

Monochromacy



Original Color
50, 62.866, 285.216

Achromatopsia
46, 0.006, 296.813

Achromatomaly
46, 24.161, 273.550

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 50, 62.866, 285.216 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(47, 116, 223)` looks like.

```
.text, #text, p{  
    color:rgb(47, 116, 223)  
}
```

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(47, 116, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(47, 116, 223) }
```

Border

The CSS property to change the border of an element to CIELCh 50, 62.866, 285.216 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(47, 116, 223) }
```

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

```
.border{ border-color:rgb(47, 116, 223) }
```

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

Here you see how a box with a 4 pixel `rgb(47, 116, 223)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(47, 116, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(47, 116, 223);  
box-shadow:4px 4px 4px 4px rgb(47, 116,  
223) }
```

Background

The CSS property to change the background color of an element to CIELCh 50, 62.866, 285.216 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(47, 116, 223) }
```

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

```
.background{ background-color: rgb(47, 116,  
223) }
```

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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