

Converting Colors

CIELCh(43, 48.847, 286.190)

Have a look what the booklet for
CIELCh(43, 48.847, 286.190)
contains.

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Color

CIELCh(43, 48.876, 285.970)

Conversions

Conversions Part 1

Format	Color
Hex	3E63B4
RGB	62, 99, 180
RGB Percent	24%, 39%, 71%
CMY	0.7584, 0.6130, 0.2955
CMYK	0.66, 0.45, 0.00, 0.30
HSL	221°, 49%, 47%
HSV	221°, 66%, 70%
XYZ	14.5967, 13.1578, 44.7635
YIQ	97.1710, -48.0530, 17.3470

Conversions

Conversions Part 2

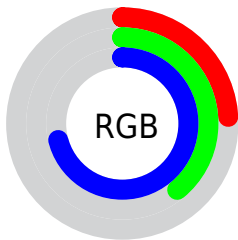
Format	Color
R_{YB}	62, 90, 180
Decimal	4088756
CIE _{Lab}	43.00, 13.45, -46.99
CIE _{LCh}	43, 48.876, 285.970
Yxy	13.1578, 0.2013, 0.1814
Android (android.graphics.Color)	4282278836 (0xFF3E63B4)
YUV	97.1710, 40.8347, -30.8450
Hunter-Lab	36.2736, 8.3505, -47.7753

Details

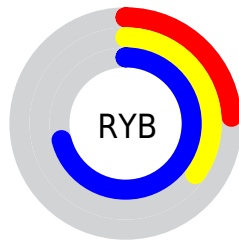
The CIELCh color $43, 48.876, 285.970$ is a dark color, and the websafe version is hex $3366CC$. A complement of this color would be $61, 47.457, 83.871$, and the grayscale version is $41, 0.006, 296.813$.

A 20% lighter version of the original color is $63, 48.856, 286.068$, and $24, 48.236, 289.485$ is the 20% darker color. If you saturate the color by 10%, you get $39, 57.020, 289.220$, and if you desaturate by 10%, it is $47, 40.960, 283.047$.

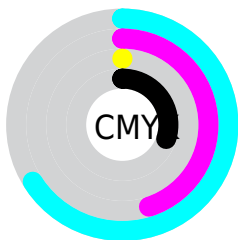
Distribution



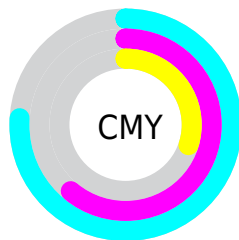
- Red (24%)
- Green (39%)
- Blue (71%)



- Red (24%)
- Yellow (35%)
- Blue (71%)



- Cyan (66%)
- Magenta (45%)
- Yellow (0%)
- Black (30%)





- Cyan (76%)
- Magenta (61%)
- Yellow (30%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 43, 48.876, 285.970 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 43, 48.876, 285.970 by changing the saturation by 10% instead.


 43, 48.876,
285.970


 43, 48.876,
285.970


 100, 48.876,
285.970


 33, 48.876,
285.970

 63, 48.876,
285.970


 23, 48.876,
285.970

 73, 48.876,
285.970

 13, 48.876,
285.970

 83, 48.876,
285.970

 3, 48.876, 285.970

 93, 48.876,
285.970

 0, 48.876, 285.970

 43, 48.876,

 43, 48.876,

285.970

■ 39, 57.020,
289.220

■ 35, 65.363,
292.689

■ 31, 73.753,
296.187

■ 30, 77.312,
297.560

285.970

■ 47, 40.960,
283.047

■ 52, 33.254,
280.483

■ 57, 25.726,
278.268

■ 61, 18.351,
276.369

■ 66, 11.115,
274.748

■ 71, 4.009, 273.383

■ 75, 2.971, 92.055

■ 80, 9.826, 91.061

■ 84, 16.557, 90.159

Harmonies

Complementary

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



43, 48.876, 285.970



61, 47.457, 83.871

Rectangle

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



43, 48.876, 285.970



43, 48.876, 335.970



43, 48.876, 105.970



43, 48.876, 155.970

Sweetspot

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



43, 48.876, 285.971



81, 17.649, 275.467



66, 42.926, 167.149



41, 12.061, 275.922



96, 0.011, 296.813



49, 0.007, 296.813

Same Dimension

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



43, 48.876, 285.971



49, 74.348, 290.816



35, 72.281, 304.269



35, 3.965, 273.843



25, 67.780, 297.107



2, 10.297, 277.723

Inverse Universe

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



44, 50.973, 5.286



53, 72.589, 10.272



70, 60.390, 113.211



35, 4.251, 355.793



32, 59.245, 18.903



2, 9.750, 0.053

Previews

White Background



This preview shows how the CIELCh color 43, 48.876, 285.970 looks on a white 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

Black Background



This preview shows how the CIE LCh color 43, 48.876, 285.970 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

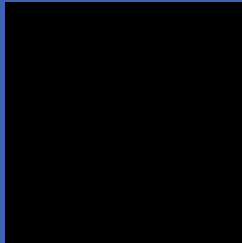
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 43, 48.876, 285.970

Background



This preview shows how black text looks on a background with the CIELCh color 43, 48.876, 285.970.



This preview shows how white text looks on a background with the CIELCh color 43, 48.876, 285.970.

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


43, 48.876, 285.970

Protanopia

43, 48.891, 286.523

Deuteranopia

43, 46.862, 277.881



Tritanopia
43, 24.768, 209.618

Trichromacy



Original Color
43, 48.876, 285.970

Protanomaly
43, 48.919, 286.298

Deuteranomaly
43, 47.692, 280.792

Tritanomaly
43, 27.252, 249.402

Monochromacy



Original Color
43, 48.876, 285.970

Achromatopsia
41, 0.006, 296.813

Achromatomaly
41, 18.066, 276.848

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 43, 48.876, 285.970 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(62, 99, 180)` looks like.

```
.text, #text, p{  
    color:rgb(62, 99, 180)  
}
```

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(62, 99, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(62, 99, 180) }
```

Border

The CSS property to change the border of an element to CIELCh 43, 48.876, 285.970 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(62, 99, 180) }
```

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

```
.border{ border-color:rgb(62, 99, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(62, 99, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(62, 99, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(62, 99, 180);  
box-shadow:4px 4px 4px 4px rgb(62, 99,  
180) }
```

Background

The CSS property to change the background color of an element to CIELCh 43, 48.876, 285.970 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(62, 99, 180) }
```

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

```
.background{ background-color: rgb(62, 99,  
180) }
```

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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