

Converting Colors

CIELCh(52, 23.656, 280.433)

Have a look what the booklet for
CIELCh(52, 23.656, 280.433)
contains.

CIELCh(52, 24.160, 281.140)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(52, 24.160, 281.140)

Conversions

Conversions Part 1

Format	Color
Hex	6C7BA4
RGB	108, 123, 164
RGB Percent	42%, 48%, 64%
CMY	0.5752, 0.5164, 0.3556
CMYK	0.34, 0.25, 0.00, 0.36
HSL	224°, 24%, 53%
HSV	224°, 34%, 64%
XYZ	20.0760, 20.1443, 38.1092
YIQ	123.1890, -22.1010, 9.5710

Conversions

Conversions Part 2

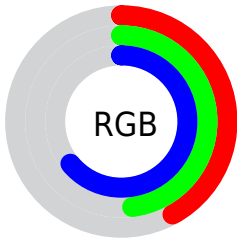
Format	Color
R _Y B	108, 120, 164
Decimal	7109540
CIE Lab	52.00, 4.67, -23.70
CIE LCh	52, 24.160, 281.140
Yxy	20.1443, 0.2563, 0.2572
Android (android.graphics.Color)	4285299620 (0xFF6C7BA4)
YUV	123.1890, 20.1198, -13.3208
Hunter-Lab	44.8824, 1.2991, -18.9248

Details

The CIELCh color `52, 24.160, 281.140` is a dark color, and the websafe version is hex `666699`. A complement of this color would be `62, 23.715, 91.865`, and the grayscale version is `52, 0.007, 296.813`.

A 20% lighter version of the original color is `72, 24.274, 281.562`, and `32, 24.418, 281.859` is the 20% darker color. If you saturate the color by 10%, you get `47, 31.641, 283.212`, and if you desaturate by 10%, it is `57, 16.870, 279.360`.

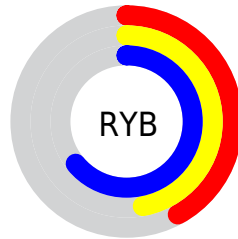
Distribution



Red (42%)

Green (48%)

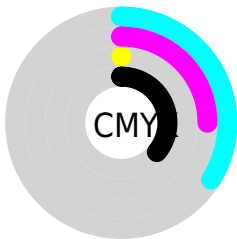
Blue (64%)



Red (42%)

Yellow (47%)

Blue (64%)

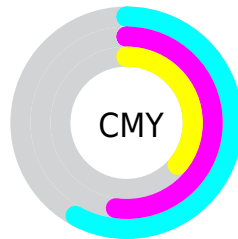


Cyan (34%)

Magenta (25%)

Yellow (0%)

Black (36%)



Cyan (58%)


Magenta (52%)


Yellow (36%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 52, 24.160, 281.140 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 52, 24.160, 281.140 by changing the saturation by 10% instead.


 52, 24.160,
281.140


 52, 24.160,
281.140


 100, 24.160,
281.140


 42, 24.160,
281.140


 72, 24.160,
281.140

 32, 24.160,
281.140

 82, 24.160,
281.140

 22, 24.160,
281.140

 92, 24.160,
281.140

 12, 24.160,
281.140

 2, 24.160, 281.140

 0, 24.160, 281.140

■ 52, 24.160,
281.140

■ 52, 24.160,
281.140

■ 47, 31.641,
283.212

■ 57, 16.870,
279.360

■ 43, 39.338,
285.609

■ 61, 9.755, 277.838

■ 66, 2.802, 276.567

■ 39, 47.275,
288.339

■ 70, 3.996, 95.328

■ 35, 55.455,
291.369

■ 75, 10.647, 94.370

■ 31, 63.810,
294.598

■ 79, 17.153, 93.516

■ 84, 23.519, 92.764

■ 27, 72.123,
297.843

■ 88, 29.748, 92.097

■ 25, 76.886,
299.577

■ 92, 35.704, 92.258

Harmonies

Complementary

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



52, 24.160, 281.140



62, 23.715, 91.865

Rectangle

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



52, 24.160, 281.140



52, 24.160, 331.140



52, 24.160, 101.140



52, 24.160, 151.140

Sweetspot

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



52, 24.159, 281.139



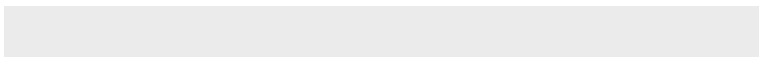
80, 8.559, 277.309



63, 22.131, 173.789



41, 5.837, 277.486



93, 0.011, 296.813



45, 0.006, 296.813

Same Dimension

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



52, 24.159, 281.139



63, 36.404, 282.703



49, 33.308, 301.390



32, 3.876, 277.189



22, 69.548, 299.241



1, 6.147, 277.732

Inverse Universe

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



52, 24.487, 2.102



63, 36.864, 3.341



65, 30.899, 116.409



32, 3.858, 359.038



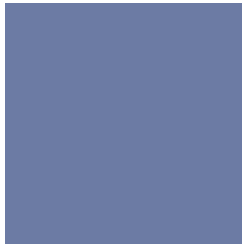
30, 58.221, 22.768



1, 5.818, 0.064

Previews

White Background



This preview shows how the CIELCh color 52, 24.160, 281.140 looks on a white background.

Color Contrast Check

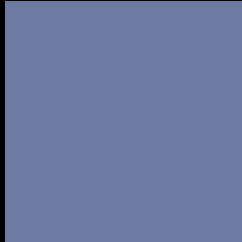
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



This preview shows how the CIE LCh color 52, 24.160, 281.140 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

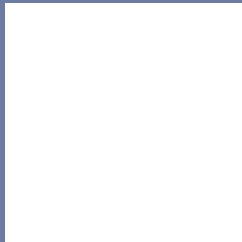
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 52, 24.160, 281.140

Background



This preview shows how black text looks on a background with the CIELCh color 52, 24.160, 281.140.



This preview shows how white text looks on a background with the CIELCh color 52, 24.160, 281.140.

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

52, 24.160, 281.140

Protanopia

52, 24.532, 285.283

Deuteranopia

52, 25.069, 286.303



Tritanopia
52, 10.924, 230.904

Trichromacy



Original Color
52, 24.160, 281.140

Protanomaly
52, 24.569, 284.526

Deuteranomaly
52, 25.138, 284.823

Tritanomaly
52, 14.694, 259.923

Monochromacy



Original Color
52, 24.160, 281.140

Achromatopsia
52, 0.007, 296.813

Achromatomaly
52, 8.948, 276.699

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 52, 24.160, 281.140 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(108, 123, 164)` looks like.

```
.text, #text, p{  
    color:rgb(108, 123, 164)  
}
```

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(108, 123, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(108, 123, 164) }
```

Border

The CSS property to change the border of an element to CIELCh 52, 24.160, 281.140 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(108, 123, 164) }
```

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

```
.border{ border-color:rgb(108, 123, 164) }
```

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

Here you see how a box with a 4 pixel `rgb(108, 123, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(108, 123, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(108, 123, 164);  
box-shadow:4px 4px 4px 4px rgb(108, 123,  
164) }
```

Background

The CSS property to change the background color of an element to CIELCh 52, 24.160, 281.140 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(108, 123, 164) }
```

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

```
.background{ background-color: rgb(108,  
123, 164) }
```

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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