

Converting Colors

CIELCh(43, 18.004, 253.603)

Have a look what the booklet for
CIELCh(43, 18.004, 253.603)
contains.

CIELCh(43, 18.241, 254.784)	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(43, 18.241, 254.784)

Conversions

Conversions Part 1

Format	Color
Hex	486982
RGB	72, 105, 130
RGB Percent	28%, 41%, 51%
CMY	0.7167, 0.5873, 0.4892
CMYK	0.45, 0.19, 0.00, 0.49
HSL	206°, 29%, 40%
HSV	206°, 45%, 51%
XYZ	11.8130, 13.1578, 23.1245
YIQ	97.9830, -27.6930, 0.7790

Conversions

Conversions Part 2

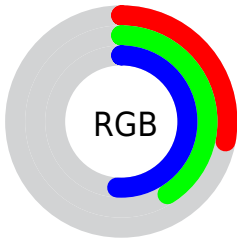
Format	Color
R_{YB}	72, 93, 130
Decimal	4745602
CIE Lab	43.00, -4.79, -17.60
CIE LCh	43, 18.241, 254.784
Yxy	13.1578, 0.2456, 0.2736
Android (android.graphics.Color)	4282935682 (0xFF486982)
YUV	97.9830, 15.7844, -22.7871
Hunter-Lab	36.2736, -5.3480, -12.4059

Details

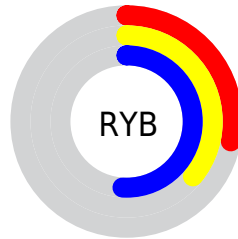
The CIELCh color **43, 18.241, 254.784** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **44, 21.821, 62.956**, and the grayscale version is **42, 0.006, 296.813**.

A 20% lighter version of the original color is **63, 18.326, 254.814**, and **23, 18.391, 255.649** is the 20% darker color. If you saturate the color by 10%, you get **41, 21.935, 257.344**, and if you desaturate by 10%, it is **45, 14.376, 252.646**.

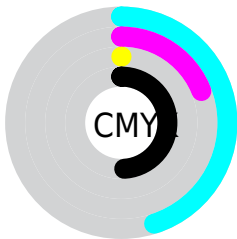
Distribution



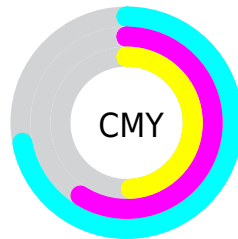
- Red (28%)
- Green (41%)
- Blue (51%)



- Red (28%)
- Yellow (36%)
- Blue (51%)



- Cyan (45%)
- Magenta (19%)
- Yellow (0%)
- Black (49%)



- Cyan (72%)
- Magenta (59%)
- Yellow (49%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 43, 18.241, 254.784 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, 18.241, 254.784 by changing the saturation by 10% instead.


 43, 18.241,
254.784


 43, 18.241,
254.784


 100, 18.241,
254.784


 33, 18.241,
254.784

 63, 18.241,
254.784


 23, 18.241,
254.784

 73, 18.241,
254.784

 13, 18.241,
254.784


 83, 18.241,
254.784

 3, 18.241, 254.784

 93, 18.241,
254.784

 0, 18.241, 254.784

 43, 18.241,

 43, 18.241,

254.784

254.784

■ 41, 21.935,
257.344

■ 45, 14.376,
252.646

■ 38, 25.458,
260.389

■ 48, 10.358,
250.870

■ 36, 28.829,
263.955

■ 51, 6.210, 249.404

■ 34, 32.096,
268.037

■ 53, 1.959, 248.267

■ 56, 2.371, 66.936

■ 32, 35.341,
272.528

■ 59, 6.758, 66.135

■ 31, 37.184,
274.864

■ 61, 11.181, 65.400

■ 64, 15.624, 64.762

■ 67, 20.074, 64.207

Harmonies

Complementary

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



43, 18.241, 254.784



44, 21.821, 62.956

Rectangle

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



43, 18.241, 254.784



43, 18.241, 304.784



43, 18.241, 74.784



43, 18.241, 124.784

Sweetspot

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



43, 18.240, 254.783



65, 6.859, 249.242



50, 29.923, 155.302



33, 4.767, 249.491



85, 0.010, 296.813



36, 0.005, 296.813

Same Dimension

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



43, 18.240, 254.783



52, 26.304, 257.249



35, 33.195, 292.824



27, 2.460, 248.735



31, 37.138, 274.856



0, 0.595, 247.627

Inverse Universe

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



39, 30.544, 344.073



46, 44.193, 345.238



52, 30.219, 102.108



26, 3.893, 340.760



27, 52.613, 354.530



0, 0.924, 340.116

Previews

White Background



This preview shows how the CIELCh color 43, 18.241, 254.784 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, 18.241, 254.784 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

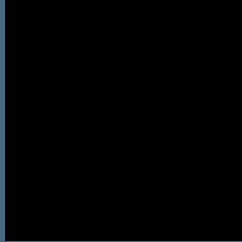
Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

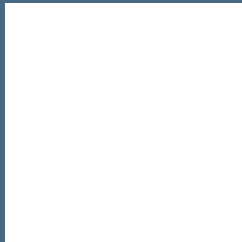
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 43, 18.241, 254.784

Background



This preview shows how black text looks on a background with the CIELCh color 43, 18.241, 254.784.

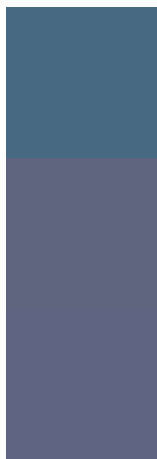


This preview shows how white text looks on a background with the CIELCh color 43, 18.241, 254.784.

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, 18.241, 254.784

Protanopia

43, 16.319, 286.067

Deuteranopia

43, 18.700, 287.315



Tritanopia
43, 14.753, 217.106

Trichromacy



Original Color
43, 18.241, 254.784

Protanomaly
43, 16.349, 273.300

Deuteranomaly
43, 18.034, 275.633

Tritanomaly
43, 15.070, 232.440

Monochromacy



Original Color
43, 18.241, 254.784

Achromatopsia
42, 0.006, 296.813

Achromatomaly
42, 7.055, 249.672

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 43, 18.241, 254.784 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(72, 105, 130)` looks like.

```
.text, #text, p{  
    color:rgb(72, 105, 130)  
}
```

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(72, 105, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(72, 105, 130) }
```

Border

The CSS property to change the border of an element to CIELCh 43, 18.241, 254.784 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(72, 105, 130) }
```

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

```
.border{ border-color:rgb(72, 105, 130) }
```

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

Here you see how a box with a 4 pixel `rgb(72, 105, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(72, 105, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(72, 105, 130);  
box-shadow:4px 4px 4px 4px rgb(72, 105,  
130) }
```

Background

The CSS property to change the background color of an element to CIELCh 43, 18.241, 254.784 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(72, 105, 130) }
```

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

```
.background{ background-color: rgb(72, 105,  
130) }
```

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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