

Converting Colors

CIELCh(43, 13.735, 247.075)

Have a look what the booklet for
CIELCh(43, 13.735, 247.075)
contains.

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Color

CIELCh(43, 13.746, 247.100)

Conversions

Conversions Part 1

Format	Color
Hex	4E697A
RGB	78, 105, 122
RGB Percent	31%, 41%, 48%
CMY	0.6937, 0.5878, 0.5211
CMYK	0.36, 0.14, 0.00, 0.52
HSL	203°, 22%, 39%
HSV	203°, 36%, 48%
XYZ	11.7334, 13.1578, 20.3703
YIQ	98.8650, -21.5490, -0.4370

Conversions

Conversions Part 2

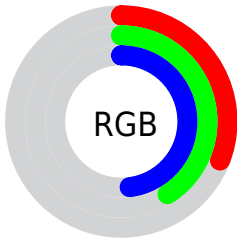
Format	Color
R_{YB}	78, 95, 122
Decimal	5138810
CIE _{Lab}	43.00, -5.35, -12.66
CIE _{LCh}	43, 13.746, 247.100
Yxy	13.1578, 0.2592, 0.2907
Android (android.graphics.Color)	4283328890 (0xFF4E697A)
YUV	98.8650, 11.4056, -18.2986
Hunter-Lab	36.2736, -5.7395, -7.9041

Details

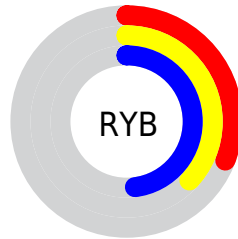
The CIELCh color $43, 13.746, 247.100$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $43, 16.245, 58.966$, and the grayscale version is $42, 0.006, 296.813$.

A 20% lighter version of the original color is $63, 13.521, 247.271$, and $23, 13.630, 245.995$ is the 20% darker color. If you saturate the color by 10%, you get $41, 17.173, 249.148$, and if you desaturate by 10%, it is $45, 10.125, 245.413$.

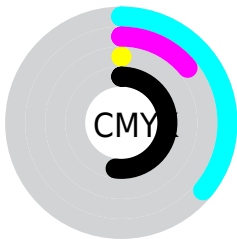
Distribution



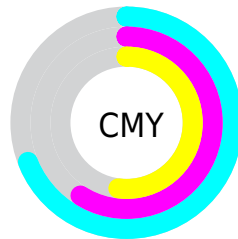
- Red (31%)
- Green (41%)
- Blue (48%)



- Red (31%)
- Yellow (37%)
- Blue (48%)



- Cyan (36%)
- Magenta (14%)
- Yellow (0%)
- Black (52%)





- Cyan (69%)
- Magenta (59%)
- Yellow (52%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 43, 13.746, 247.100 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, 13.746, 247.100 by changing the saturation by 10% instead.


 43, 13.746,
247.100


 43, 13.746,
247.100


 100, 13.746,
247.100


 33, 13.746,
247.100

 63, 13.746,
247.100


 23, 13.746,
247.100

 73, 13.746,
247.100

 13, 13.746,
247.100


 83, 13.746,
247.100

 3, 13.746, 247.100

 93, 13.746,
247.100

 0, 13.746, 247.100

 43, 13.746,

 43, 13.746,

247.100

■ 41, 17.173,
249.148

■ 39, 20.385,
251.632

■ 37, 23.373,
254.618

■ 35, 26.153,
258.154

■ 33, 28.768,
262.251

■ 31, 31.318,
266.749

■ 30, 32.372,
268.427

247.100

■ 45, 10.125,
245.413

■ 48, 6.340, 244.037

■ 50, 2.421, 242.966

■ 52, 1.603, 61.683

■ 55, 5.705, 61.027

■ 57, 9.864, 60.381

■ 59, 14.061, 59.825

■ 62, 18.279, 59.348

■ 64, 22.506, 58.938

Harmonies

Complementary

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



43, 13.746, 247.100



43, 16.245, 58.966

Rectangle

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



43, 13.746, 247.100



43, 13.746, 297.100



43, 13.746, 67.100



43, 13.746, 117.100

Sweetspot

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



43, 13.745, 247.097



62, 5.411, 243.481



47, 23.789, 154.811



31, 3.610, 243.597



83, 0.010, 296.813



34, 0.005, 296.813

Same Dimension

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



43, 13.745, 247.097



53, 19.910, 248.705



36, 24.103, 289.748



25, 2.254, 243.250



31, 32.967, 268.559



62, 57.751, 271.485

Inverse Universe

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



39, 24.245, 340.848



47, 35.553, 341.621



49, 22.620, 101.252



24, 3.757, 338.605



26, 52.165, 350.675



55, 86.970, 352.367

Previews

White Background



This preview shows how the CIE LCh color 43, 13.746, 247.100 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 CIELCh color 43, 13.746, 247.100 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

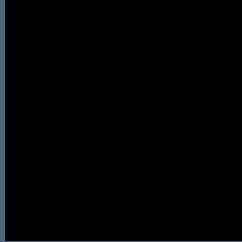
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

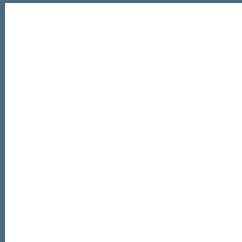
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 43, 13.746, 247.100

Background



This preview shows how black text looks on a background with the CIELCh color 43, 13.746, 247.100.

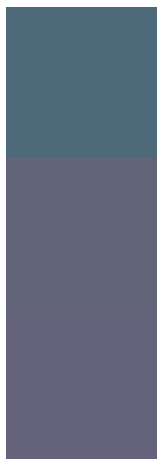


This preview shows how white text looks on a background with the CIELCh color 43, 13.746, 247.100.

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, 13.746, 247.100

Protanopia

43, 11.460, 288.011

Deuteranopia

43, 14.488, 293.749



Tritanopia
43, 12.041, 225.217

Trichromacy



Original Color
43, 13.746, 247.100

Protanomaly
43, 11.469, 270.712

Deuteranomaly
43, 13.565, 277.877

Tritanomaly
43, 12.496, 233.952

Monochromacy



Original Color
43, 13.746, 247.100

Achromatopsia
42, 0.006, 296.813

Achromatomaly
42, 5.292, 242.437

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 43, 13.746, 247.100 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(78, 105, 122)` looks like.

```
.text, #text, p{  
    color:rgb(78, 105, 122)  
}
```

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(78, 105, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(78, 105, 122) }
```

Border

The CSS property to change the border of an element to CIELCh 43, 13.746, 247.100 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(78, 105, 122) }
```

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

```
.border{ border-color:rgb(78, 105, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(78, 105, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(78, 105, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(78, 105, 122);  
box-shadow:4px 4px 4px 4px rgb(78, 105,  
122) }
```

Background

The CSS property to change the background color of an element to CIELCh 43, 13.746, 247.100 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(78, 105, 122) }
```

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

```
.background{ background-color: rgb(78, 105,  
122) }
```

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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