

Converting Colors

CIELCh(43, 19.688, 243.211)

Have a look what the booklet for
CIELCh(43, 19.688, 243.211)
contains.

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Color

CIELCh(43, 19.691, 243.297)

Conversions

Conversions Part 1

Format	Color
Hex	3D6B82
RGB	61, 107, 130
RGB Percent	24%, 42%, 51%
CMY	0.7602, 0.5798, 0.4896
CMYK	0.53, 0.18, 0.00, 0.49
HSL	200°, 36%, 38%
HSV	200°, 53%, 51%
XYZ	11.2455, 13.1578, 23.1183
YIQ	95.8680, -34.7990, -2.5990

Conversions

Conversions Part 2

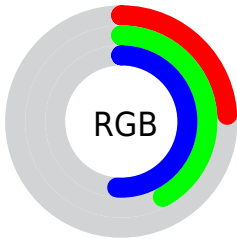
Format	Color
R_{YB}	61, 89, 130
Decimal	4025218
CIE _{Lab}	43.00, -8.85, -17.59
CIE _{LCh}	43, 19.691, 243.297
Yxy	13.1578, 0.2366, 0.2769
Android (android.graphics.Color)	4282215298 (0xFF3D6B82)
YUV	95.8680, 16.8271, -30.5792
Hunter-Lab	36.2736, -8.1403, -12.3958

Details

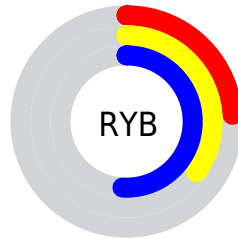
The CIELCh color **43, 19.691, 243.297** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **40, 26.866, 52.290**, and the grayscale version is **41, 0.006, 296.813**.

A 20% lighter version of the original color is **63, 19.806, 243.794**, and **23, 19.648, 243.689** is the 20% darker color. If you saturate the color by 10%, you get **41, 22.568, 245.928**, and if you desaturate by 10%, it is **45, 16.502, 241.153**.

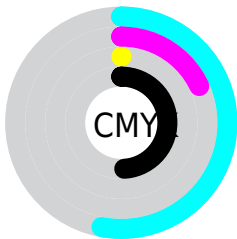
Distribution



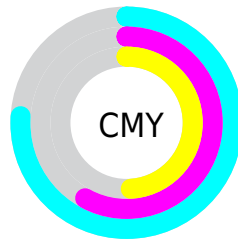
- Red (24%)
- Green (42%)
- Blue (51%)



- Red (24%)
- Yellow (35%)
- Blue (51%)



- Cyan (53%)
- Magenta (18%)
- Yellow (0%)
- Black (49%)




- Cyan (76%)
- Magenta (58%)
- Yellow (49%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 43, 19.691, 243.297 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, 19.691, 243.297 by changing the saturation by 10% instead.


 43, 19.691,
243.297


 43, 19.691,
243.297


 100, 19.691,
243.297


 33, 19.691,
243.297

 63, 19.691,
243.297


 23, 19.691,
243.297

 73, 19.691,
243.297

 13, 19.691,
243.297

 83, 19.691,
243.297

 3, 19.691, 243.297

 93, 19.691,
243.297

 0, 19.691, 243.297

 43, 19.691,

 43, 19.691,

243.297

■ 41, 22.568,
245.928

■ 39, 25.131,
249.122

■ 38, 27.409,
252.928

■ 36, 29.474,
257.337

■ 35, 30.933,
260.428

243.297

■ 45, 16.502,
241.153

■ 47, 13.027,
239.422

■ 49, 9.302, 238.030

■ 51, 5.369, 236.925

■ 54, 1.267, 236.225

■ 56, 2.968, 55.083

■ 58, 7.302, 54.550

■ 61, 11.710, 54.076

■ 63, 16.168, 53.679

Harmonies

Complementary

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



43, 19.691, 243.297



40, 26.866, 52.290

Rectangle

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



43, 19.691, 243.297



43, 19.691, 293.297



43, 19.691, 63.297



43, 19.691, 113.297

Sweetspot

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



43, 19.690, 243.296



65, 8.092, 237.265



49, 37.650, 150.706



33, 5.420, 237.447



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, 19.690, 243.296



52, 28.017, 246.650



33, 36.264, 290.749



27, 2.380, 236.576



35, 30.914, 260.424



0, 0.579, 235.720

Inverse Universe

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



36, 38.108, 339.897



43, 54.735, 341.242



50, 33.163, 96.458



26, 4.171, 336.250



28, 55.194, 346.678



0, 0.991, 335.666

Previews

White Background



This preview shows how the CIE LCh color 43, 19.691, 243.297 looks on a white background.

Color Contrast Check

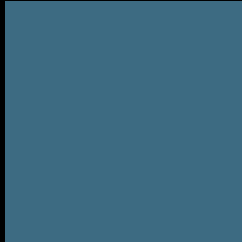
Large Text (above 18pt) WCAG AA ✓ Pass

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, 19.691, 243.297 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

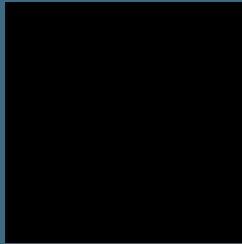
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 43, 19.691, 243.297

Background



This preview shows how black text looks on a background with the CIELCh color 43, 19.691, 243.297.

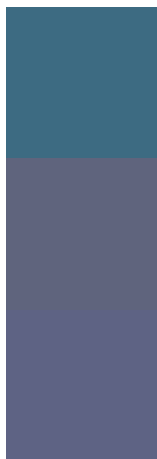


This preview shows how white text looks on a background with the CIELCh color 43, 19.691, 243.297.

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, 19.691, 243.297

Protanopia

43, 15.129, 285.331

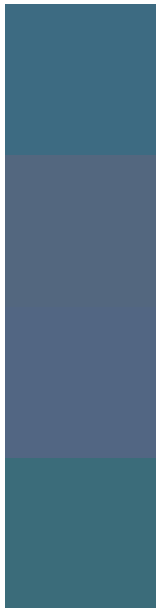
Deuteranopia

43, 19.924, 287.885



Tritanopia
43, 17.988, 215.264

Trichromacy



Original Color
43, 19.691, 243.297

Protanomaly
43, 15.825, 265.635

Deuteranomaly
43, 18.514, 270.704

Tritanomaly
43, 17.911, 226.141

Monochromacy



Original Color
43, 19.691, 243.297

Achromatopsia
41, 0.006, 296.813

Achromatomaly
41, 8.014, 236.200

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 43, 19.691, 243.297 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(61, 107, 130)` looks like.

```
.text, #text, p{  
    color:rgb(61, 107, 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(61, 107, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(61, 107, 130) }
```

Border

The CSS property to change the border of an element to CIELCh 43, 19.691, 243.297 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(61, 107, 130) }
```

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

```
.border{ border-color:rgb(61, 107, 130) }
```

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

Here you see how a box with a 4 pixel `rgb(61, 107, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(61, 107, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(61, 107, 130);  
box-shadow:4px 4px 4px 4px rgb(61, 107,  
130) }
```

Background

The CSS property to change the background color of an element to CIELCh 43, 19.691, 243.297 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(61, 107, 130) }
```

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

```
.background{ background-color: rgb(61, 107,  
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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