

Converting Colors

CIELCh(44, 18.891, 253.354)

Have a look what the booklet for
CIELCh(44, 18.891, 253.354)
contains.

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Color

CIELCh(44, 19.121, 253.703)

Conversions

Conversions Part 1

Format	Color
Hex	486C86
RGB	72, 108, 134
RGB Percent	28%, 42%, 53%
CMY	0.7174, 0.5763, 0.4743
CMYK	0.46, 0.19, 0.00, 0.47
HSL	205°, 30%, 40%
HSV	205°, 46%, 53%
XYZ	12.3510, 13.8382, 24.5936
YIQ	100.2000, -29.8020, 0.4540

Conversions

Conversions Part 2

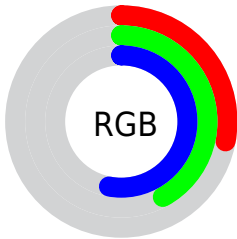
Format	Color
RYB	72, 95, 134
Decimal	4746374
CIELab	44.00, -5.37, -18.35
CIELCh	44, 19.121, 253.703
Yxy	13.8382, 0.2432, 0.2725
Android (android.graphics.Color)	4282936454 (0xFF486C86)
YUV	100.2000, 16.6634, -24.7314
Hunter-Lab	37.1997, -5.8342, -13.1582

Details

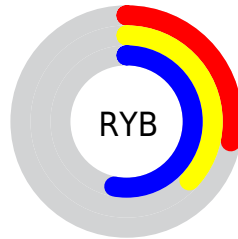
The CIELCh color **44, 19.121, 253.703** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **45, 23.300, 61.543**, and the grayscale version is **42, 0.006, 296.813**.

A 20% lighter version of the original color is **64, 19.048, 254.329**, and **24, 18.930, 252.487** is the 20% darker color. If you saturate the color by 10%, you get **42, 22.787, 256.333**, and if you desaturate by 10%, it is **46, 15.262, 251.512**.

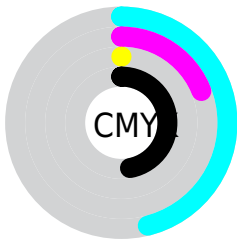
Distribution



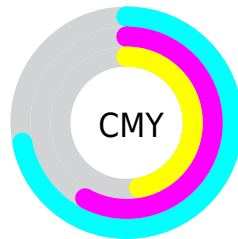
- Red (28%)
- Green (42%)
- Blue (53%)



- Red (28%)
- Yellow (37%)
- Blue (53%)



- Cyan (46%)
- Magenta (19%)
- Yellow (0%)
- Black (47%)




- Cyan (72%)
- Magenta (58%)
- Yellow (47%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 44, 19.121, 253.703 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 44, 19.121, 253.703 by changing the saturation by 10% instead.


 44, 19.121,
253.703


 44, 19.121,
253.703


 100, 19.121,
253.703


 34, 19.121,
253.703

 64, 19.121,
253.703


 24, 19.121,
253.703

 74, 19.121,
253.703

 14, 19.121,
253.703


 84, 19.121,
253.703

 4, 19.121, 253.703

 94, 19.121,
253.703

 0, 19.121, 253.703

 44, 19.121,

 44, 19.121,

253.703

■ 42, 22.787,
256.333

■ 39, 26.261,
259.466

■ 37, 29.566,
263.137

■ 35, 32.758,
267.333

■ 33, 35.937,
271.891

■ 32, 37.177,
273.502

253.703

■ 46, 15.262,
251.512

■ 49, 11.228,
249.698

■ 52, 7.046, 248.203

■ 54, 2.743, 247.015

■ 57, 1.654, 65.651

■ 60, 6.118, 64.906

■ 62, 10.629, 64.176

■ 65, 15.169, 63.543

■ 68, 19.721, 62.996

Harmonies

Complementary

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



44, 19.121, 253.703



45, 23.300, 61.543

Rectangle

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



44, 19.121, 253.703



44, 19.121, 303.703



44, 19.121, 73.703



44, 19.121, 123.703

Sweetspot

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



44, 19.120, 253.702



66, 7.509, 247.947



51, 31.743, 155.077



34, 5.150, 248.192



86, 0.010, 296.813



37, 0.005, 296.813

Same Dimension

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



44, 19.120, 253.702



54, 27.497, 256.321



35, 35.424, 293.180



27, 2.445, 247.317



31, 36.283, 273.342



0, 0.591, 246.232

Inverse Universe

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



39, 32.645, 343.640



47, 47.086, 344.848



53, 32.076, 101.923



26, 3.925, 340.183



27, 52.861, 353.527



0, 0.932, 339.546

Previews

White Background



This preview shows how the CIELCh color 44, 19.121, 253.703 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 44, 19.121, 253.703 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

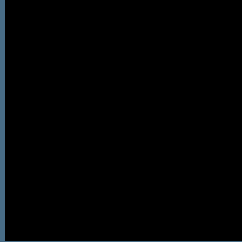
Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

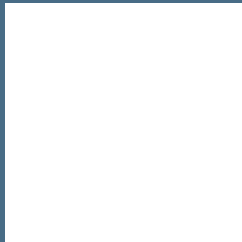
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 44, 19.121, 253.703

Background



This preview shows how black text looks on a background with the CIELCh color 44, 19.121, 253.703.

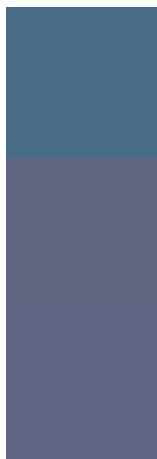


This preview shows how white text looks on a background with the CIELCh color 44, 19.121, 253.703.

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


44, 19.121, 253.703

Protanopia

44, 16.272, 284.730

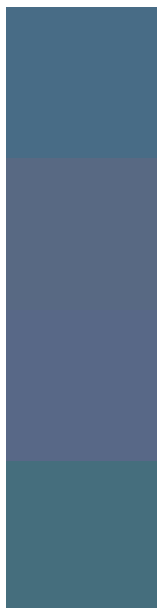
Deuteranopia

44, 19.824, 287.794



Tritanopia
44, 15.685, 218.133

Trichromacy



Original Color
44, 19.121, 253.703

Protanomaly
44, 16.483, 270.925

Deuteranomaly
44, 19.189, 275.931

Tritanomaly
44, 16.273, 231.901

Monochromacy



Original Color
44, 19.121, 253.703

Achromatopsia
42, 0.006, 296.813

Achromatomaly
43, 7.278, 247.347

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 44, 19.121, 253.703 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, 108, 134)` looks like.

```
.text, #text, p{  
    color:rgb(72, 108, 134)  
}
```

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, 108, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(72, 108, 134) }
```

Border

The CSS property to change the border of an element to CIELCh 44, 19.121, 253.703 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, 108, 134) }
```

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

```
.border{ border-color:rgb(72, 108, 134) }
```

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

Here you see how a box with a 4 pixel rgb(72, 108, 134) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(72, 108, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(72, 108, 134);  
box-shadow:4px 4px 4px 4px rgb(72, 108,  
134) }
```

Background

The CSS property to change the background color of an element to CIELCh 44, 19.121, 253.703 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(72, 108, 134) }
```

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

```
.background{ background-color: rgb(72, 108,  
134) }
```

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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