

Converting Colors

CIELCh(44, 23.451, 254.186)

Have a look what the booklet for
CIELCh(44, 23.451, 254.186)
contains.

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Color

CIELCh(44, 23.438, 253.937)

Conversions

Conversions Part 1

Format	Color
Hex	3D6D8D
RGB	61, 109, 141
RGB Percent	24%, 43%, 55%
CMY	0.7610, 0.5727, 0.4473
CMYK	0.57, 0.23, 0.00, 0.45
HSL	204°, 40%, 40%
HSV	204°, 57%, 55%
XYZ	12.1879, 13.8382, 27.2072
YIQ	98.2960, -38.8800, -0.2240

Conversions

Conversions Part 2

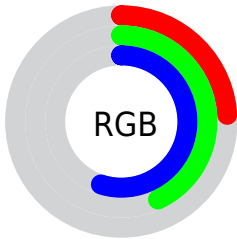
Format	Color
R_{YB}	61, 91, 141
Decimal	4025741
CIE _{Lab}	44.00, -6.49, -22.52
CIE _{LCh}	44, 23.438, 253.937
Yxy	13.8382, 0.2290, 0.2600
Android (android.graphics.Color)	4282215821 (0xFF3D6D8D)
YUV	98.2960, 21.0531, -32.7086
Hunter-Lab	37.1997, -6.6166, -17.3238

Details

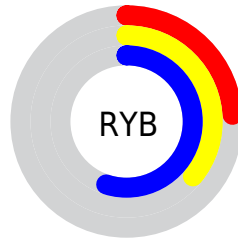
The CIELCh color `44, 23.438, 253.937` is a dark color, and the websafe version is hex `336699`. A complement of this color would be `44, 30.762, 58.603`, and the grayscale version is `42, 0.006, 296.813`.

A 20% lighter version of the original color is `64, 23.582, 255.092`, and `24, 22.968, 255.570` is the 20% darker color. If you saturate the color by 10%, you get `42, 26.872, 257.087`, and if you desaturate by 10%, it is `46, 19.770, 251.306`.

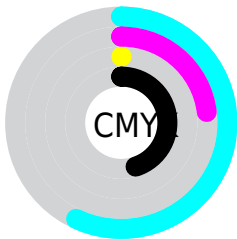
Distribution



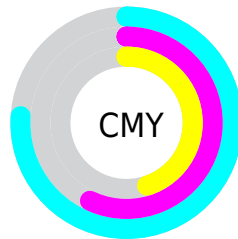
- Red (24%)
- Green (43%)
- Blue (55%)



- Red (24%)
- Yellow (36%)
- Blue (55%)



- Cyan (57%)
- Magenta (23%)
- Yellow (0%)
- Black (45%)



- Cyan (76%)
- Magenta (57%)
- Yellow (45%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 44, 23.438, 253.937 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, 23.438, 253.937 by changing the saturation by 10% instead.

 44, 23.438,
253.937


 44, 23.438,
253.937


 100, 23.438,
253.937


 34, 23.438,
253.937

 64, 23.438,
253.937


 24, 23.438,
253.937

 74, 23.438,
253.937

 14, 23.438,
253.937

 84, 23.438,
253.937

 4, 23.438, 253.937

 94, 23.438,
253.937

 0, 23.438, 253.937

 44, 23.438,

 44, 23.438,

253.937

■ 42, 26.872,
257.087

■ 39, 30.099,
260.799

■ 37, 33.178,
265.063

■ 35, 36.222,
269.710

■ 35, 37.248,
271.138

253.937

■ 46, 19.770,
251.306

■ 49, 15.874,
249.129

■ 52, 11.770,
247.338

■ 54, 7.488, 245.870

■ 57, 3.062, 244.709

■ 59, 1.477, 63.345

■ 62, 6.100, 62.668

■ 65, 10.783, 61.975

■ 68, 15.503, 61.377

Harmonies

Complementary

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



44, 23.438, 253.937



44, 30.762, 58.603

Rectangle

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



44, 23.438, 253.937



44, 23.438, 303.937



44, 23.438, 73.937



44, 23.438, 123.937

Sweetspot

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



44, 23.437, 253.937



69, 9.417, 245.951



53, 41.014, 152.192



35, 6.260, 246.184



88, 0.010, 296.813



39, 0.006, 296.813

Same Dimension

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



44, 23.437, 253.937



53, 33.723, 258.034



33, 44.436, 294.036



29, 2.577, 244.957



33, 36.020, 270.922



1, 1.761, 243.901

Inverse Universe

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



38, 41.413, 343.859



46, 58.930, 345.645



54, 39.319, 99.004



28, 4.233, 339.260



29, 54.777, 352.028



1, 2.834, 338.627

Previews

White Background



This preview shows how the CIELCh color 44, 23.438, 253.937 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, 23.438, 253.937 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

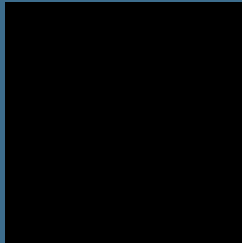
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 44, 23.438, 253.937

Background



This preview shows how black text looks on a background with the CIELCh color 44, 23.438, 253.937.

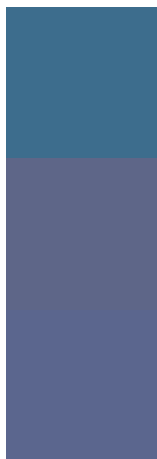


This preview shows how white text looks on a background with the CIELCh color 44, 23.438, 253.937.

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, 23.438, 253.937

Protanopia

44, 20.507, 285.156

Deuteranopia

44, 24.148, 284.637



Tritanopia
44, 19.711, 215.326

Trichromacy



Original Color
44, 23.438, 253.937

Protanomaly
44, 20.908, 271.205

Deuteranomaly
44, 23.265, 272.620

Tritanomaly
44, 20.001, 230.757

Monochromacy



Original Color
44, 23.438, 253.937

Achromatopsia
42, 0.006, 296.813

Achromatomaly
42, 9.510, 248.798

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 44, 23.438, 253.937 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, 109, 141)` looks like.

```
.text, #text, p{  
    color:rgb(61, 109, 141)  
}
```

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, 109, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(61, 109, 141) }
```

Border

The CSS property to change the border of an element to CIELCh 44, 23.438, 253.937 is called "border". The border property can be set on classes, ids or directly on the HTML element.

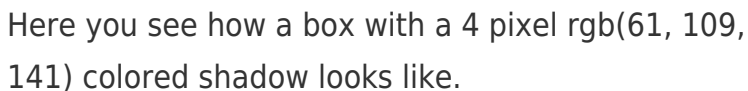
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(61, 109, 141) }
```

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

```
.border{ border-color:rgb(61, 109, 141) }
```

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



Here you see how a box with a 4 pixel `rgb(61, 109, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(61, 109, 141); -webkit-box-shadow:4px 4px 4px 4px rgb(61, 109, 141); box-shadow:4px 4px 4px 4px rgb(61, 109, 141) }
```

Background

The CSS property to change the background color of an element to CIELCh 44, 23.438, 253.937 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(61, 109, 141) }
```

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

```
.background{ background-color: rgb(61, 109,  
141) }
```

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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