

Converting Colors

CIELCh(43, 22.225, 254.926)

Have a look what the booklet for
CIELCh(43, 22.225, 254.926)
contains.

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Color

CIELCh(43, 22.364, 255.673)

Conversions

Conversions Part 1

Format	Color
Hex	3F6A89
RGB	63, 106, 137
RGB Percent	25%, 42%, 54%
CMY	0.7531, 0.5845, 0.4629
CMYK	0.54, 0.23, 0.00, 0.46
HSL	205°, 37%, 39%
HSV	205°, 54%, 54%
XYZ	11.7073, 13.1578, 25.5704
YIQ	96.6770, -35.5790, 0.5250

Conversions

Conversions Part 2

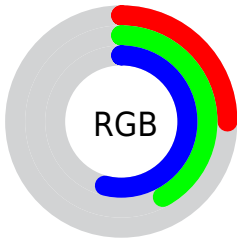
Format	Color
R_{YB}	63, 90, 137
Decimal	4156041
CIE _{Lab}	43.00, -5.53, -21.67
CIE _{LCh}	43, 22.364, 255.673
Yxy	13.1578, 0.2321, 0.2609
Android (android.graphics.Color)	4282346121 (0xFF3F6A89)
YUV	96.6770, 19.8792, -29.5347
Hunter-Lab	36.2736, -5.8683, -16.4038

Details

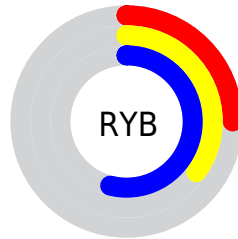
The CIELCh color **43, 22.364, 255.673** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **44, 28.343, 60.746**, and the grayscale version is **41, 0.006, 296.813**.

A 20% lighter version of the original color is **63, 22.167, 255.650**, and **23, 22.304, 255.779** is the 20% darker color. If you saturate the color by 10%, you get **41, 25.935, 258.701**, and if you desaturate by 10%, it is **45, 18.593, 253.136**.

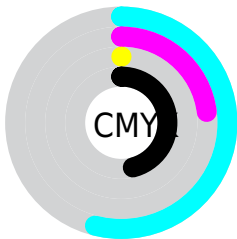
Distribution



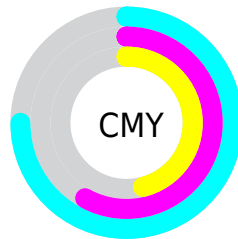
- Red (25%)
- Green (42%)
- Blue (54%)



- Red (25%)
- Yellow (35%)
- Blue (54%)



- Cyan (54%)
- Magenta (23%)
- Yellow (0%)
- Black (46%)



- Cyan (75%)
- Magenta (58%)
- Yellow (46%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 43, 22.364, 255.673 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, 22.364, 255.673 by changing the saturation by 10% instead.


 43, 22.364,
255.673


 43, 22.364,
255.673


 100, 22.364,
255.673

 33, 22.364,
255.673

 63, 22.364,
255.673


 23, 22.364,
255.673

 73, 22.364,
255.673

 13, 22.364,
255.673

 83, 22.364,
255.673

 3, 22.364, 255.673

 93, 22.364,
255.673

 0, 22.364, 255.673

 43, 22.364,

 43, 22.364,

255.673

■ 41, 25.935,
258.701

■ 38, 29.325,
262.266

■ 36, 32.585,
266.367

■ 34, 35.798,
270.920

■ 33, 37.783,
273.546

255.673

■ 45, 18.593,
253.136

■ 48, 14.629,
251.029

■ 51, 10.491,
249.286

■ 53, 6.208, 247.854

■ 56, 1.807, 246.770

■ 59, 2.684, 65.454

■ 61, 7.239, 64.675

■ 64, 11.837, 63.967

■ 67, 16.461, 63.355

Harmonies

Complementary

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



43, 22.364, 255.673



44, 28.343, 60.746

Rectangle

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



43, 22.364, 255.673



43, 22.364, 305.673



43, 22.364, 75.673



43, 22.364, 125.673

Sweetspot

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



43, 22.363, 255.673



67, 8.762, 248.160



52, 37.282, 154.049



34, 5.879, 248.401



87, 0.010, 296.813



38, 0.005, 296.813

Same Dimension

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



43, 22.363, 255.673



52, 32.511, 259.508



32, 42.768, 294.810



28, 2.522, 247.263



32, 36.817, 273.379



1, 1.183, 246.172

Inverse Universe

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



38, 38.335, 344.554



45, 55.214, 346.293



54, 37.767, 101.142



27, 4.052, 340.163



28, 53.602, 353.551



0, 1.864, 339.522

Previews

White Background



This preview shows how the CIELCh color 43, 22.364, 255.673 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, 22.364, 255.673 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, 22.364, 255.673

Background



This preview shows how black text looks on a background with the CIELCh color 43, 22.364, 255.673.

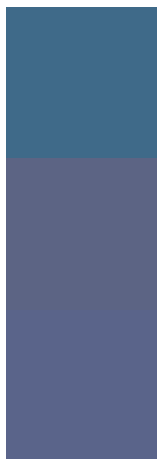


This preview shows how white text looks on a background with the CIELCh color 43, 22.364, 255.673.

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, 22.364, 255.673

Protanopia

43, 19.394, 284.507

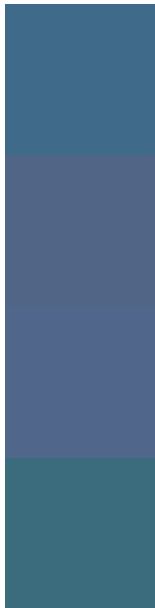
Deuteranopia

43, 23.011, 284.837



Tritanopia
43, 18.229, 215.000

Trichromacy



Original Color
43, 22.364, 255.673

Protanomaly
43, 20.253, 272.259

Deuteranomaly
43, 22.549, 274.305

Tritanomaly
43, 18.538, 231.718

Monochromacy



Original Color
43, 22.364, 255.673

Achromatopsia
41, 0.006, 296.813

Achromatomaly
42, 9.087, 252.360

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 43, 22.364, 255.673 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(63, 106, 137)` looks like.

```
.text, #text, p{  
    color:rgb(63, 106, 137)  
}
```

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(63, 106, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(63, 106, 137) }
```

Border

The CSS property to change the border of an element to CIELCh 43, 22.364, 255.673 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(63, 106, 137) }
```

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

```
.border{ border-color:rgb(63, 106, 137) }
```

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

Here you see how a box with a 4 pixel rgb(63, 106, 137) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(63, 106, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(63, 106, 137);  
box-shadow:4px 4px 4px 4px rgb(63, 106,  
137) }
```

Background

The CSS property to change the background color of an element to CIELCh 43, 22.364, 255.673 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(63, 106, 137) }
```

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

```
.background{ background-color: rgb(63, 106,  
137) }
```

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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