

Converting Colors

CIELCh(42, 10.592, 233.529)

Have a look what the booklet for
CIELCh(42, 10.592, 233.529)
contains.

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Color

CIELCh(42, 10.592, 233.529)

Conversions

Conversions Part 1

Format	Color
Hex	4F6771
RGB	79, 103, 113
RGB Percent	31%, 40%, 44%
CMY	0.6910, 0.5969, 0.5577
CMYK	0.30, 0.09, 0.00, 0.56
HSL	198°, 18%, 38%
HSV	198°, 30%, 44%
XYZ	11.0057, 12.5000, 17.3929
YIQ	96.9640, -17.5140, -1.9780

Conversions

Conversions Part 2

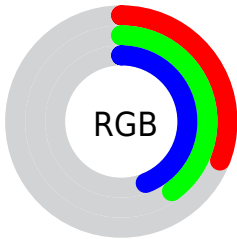
Format	Color
R _Y B	79, 93, 113
Decimal	5203825
CIE Lab	42.00, -6.30, -8.52
CIE LCh	42, 10.592, 233.529
Yxy	12.5000, 0.2691, 0.3056
Android (android.graphics.Color)	4283393905 (0xFF4F6771)
YUV	96.9640, 7.9057, -15.7544
Hunter-Lab	35.3553, -6.3071, -4.4187

Details

The CIELCh color **42, 10.592, 233.529** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **40, 12.596, 49.183**, and the grayscale version is **41, 0.006, 296.813**.

A 20% lighter version of the original color is **62, 10.684, 234.221**, and **22, 10.415, 233.908** is the 20% darker color. If you saturate the color by 10%, you get **40, 13.684, 234.903**, and if you desaturate by 10%, it is **44, 7.263, 232.437**.

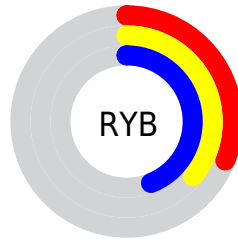
Distribution



Red (31%)

Green (40%)

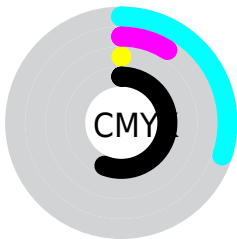
Blue (44%)



Red (31%)

Yellow (36%)

Blue (44%)

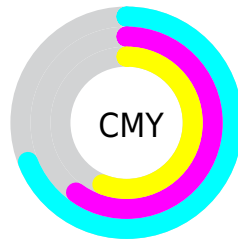


Cyan (30%)

Magenta (9%)

Yellow (0%)

Black (56%)



Cyan (69%)


Magenta (60%)


Yellow (56%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 42, 10.592, 233.529 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 42, 10.592, 233.529 by changing the saturation by 10% instead.


 42, 10.592,
233.529


 42, 10.592,
233.529


 100, 10.592,
233.529


 32, 10.592,
233.529

 62, 10.592,
233.529


 22, 10.592,
233.529

 72, 10.592,
233.529


 12, 10.592,
233.529


 82, 10.592,
233.529

 2, 10.592, 233.529

 92, 10.592,
233.529

 0, 10.592, 233.529

 42, 10.592,

 42, 10.592,

233.529

233.529

40, 13.684,
234.903

44, 7.263, 232.437

39, 16.500,
236.634

46, 3.737, 231.607

48, 0.054, 236.983

37, 19.006,
238.793

49, 3.752, 50.188

36, 21.184,
241.459

51, 7.653, 49.801

53, 11.622, 49.475

34, 23.040,
244.701

55, 15.639, 49.213

33, 24.612,
248.565

57, 19.687, 49.006

60, 23.752, 48.844

32, 26.088,
252.562

Harmonies

Complementary

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



42, 10.592, 233.529



40, 12.596, 49.183

Rectangle

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



42, 10.592, 233.529



42, 10.592, 283.529



42, 10.592, 53.529



42, 10.592, 103.529

Sweetspot

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



42, 10.592, 233.524



58, 4.092, 231.545



44, 20.201, 151.359



30, 2.859, 231.625



81, 0.010, 296.813



31, 0.005, 296.813

Same Dimension

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



42, 10.592, 233.524



52, 15.267, 234.423



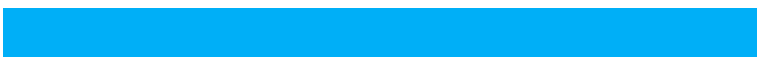
37, 16.600, 283.427



23, 2.069, 231.530



34, 27.316, 252.921



67, 47.805, 256.003

Inverse Universe

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



38, 20.238, 336.087



46, 29.696, 336.604



45, 16.128, 96.001



22, 3.729, 334.587



26, 53.394, 343.665



55, 90.238, 344.840

Previews

White Background



This preview shows how the CIELCh color 42, 10.592, 233.529 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 42, 10.592, 233.529 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

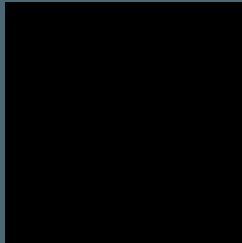
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 42, 10.592, 233.529

Background



This preview shows how black text looks on a background with the CIELCh color 42, 10.592, 233.529.

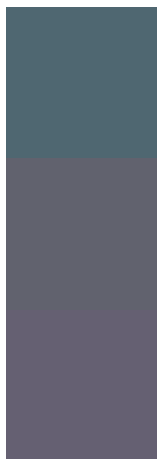


This preview shows how white text looks on a background with the CIELCh color 42, 10.592, 233.529.

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

42, 10.592, 233.529

Protanopia

42, 7.266, 288.136

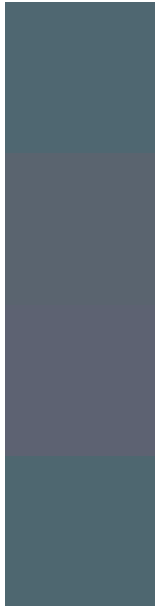
Deuteranopia

42, 11.118, 301.924



Tritanopia
42, 10.371, 226.405

Trichromacy



Original Color
42, 10.592, 233.529

Protanomaly
42, 7.600, 260.524

Deuteranomaly
42, 9.829, 280.320

Tritanomaly
42, 10.608, 229.511

Monochromacy



Original Color
42, 10.592, 233.529

Achromatopsia
41, 0.006, 296.813

Achromatomaly
41, 4.295, 233.539

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 42, 10.592, 233.529 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(79, 103, 113)` looks like.

```
.text, #text, p{  
    color:rgb(79, 103, 113)  
}
```

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(79, 103, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(79, 103, 113) }
```

Border

The CSS property to change the border of an element to CIELCh 42, 10.592, 233.529 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(79, 103, 113) }
```

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

```
.border{ border-color:rgb(79, 103, 113) }
```

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

Here you see how a box with a 4 pixel `rgb(79, 103, 113)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(79, 103, 113); -webkit-box-  
shadow:4px 4px 4px 4px rgb(79, 103, 113);  
box-shadow:4px 4px 4px 4px rgb(79, 103,  
113) }
```

Background

The CSS property to change the background color of an element to CIELCh 42, 10.592, 233.529 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(79, 103, 113) }
```

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

```
.background{ background-color: rgb(79, 103,  
113) }
```

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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