

Converting Colors

CIELCh(42, 15.962, 151.207)

Have a look what the booklet for
CIELCh(42, 15.962, 151.207)
contains.

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Color

CIELCh(42, 15.829, 151.321)

Conversions

Conversions Part 1

Format	Color
Hex	4F6956
RGB	79, 105, 86
RGB Percent	31%, 41%, 34%
CMY	0.6893, 0.5873, 0.6618
CMYK	0.25, 0.00, 0.18, 0.59
HSL	136°, 14%, 36%
HSV	136°, 25%, 41%
XYZ	10.0089, 12.5000, 10.7383
YIQ	95.0600, -9.3970, -11.4210

Conversions

Conversions Part 2

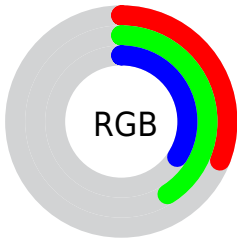
Format	Color
R_{YB}	79, 99, 105
Decimal	5204310
CIE Lab	42.00, -13.89, 7.60
CIE LCh	42, 15.829, 151.321
Yxy	12.5000, 0.3010, 0.3760
Android (android.graphics.Color)	4283394390 (0xFF4F6956)
YUV	95.0600, -4.4666, -14.0846
Hunter-Lab	35.3553, -11.3394, 6.7408

Details

The CIELCh color **42, 15.829, 151.321** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **37, 15.946, 334.650**, and the grayscale version is **40, 0.006, 296.813**.

A 20% lighter version of the original color is **62, 15.409, 151.492**, and **22, 15.819, 150.966** is the 20% darker color. If you saturate the color by 10%, you get **41, 22.184, 150.422**, and if you desaturate by 10%, it is **43, 9.408, 152.111**.

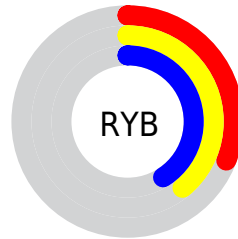
Distribution



Red (31%)

Green (41%)

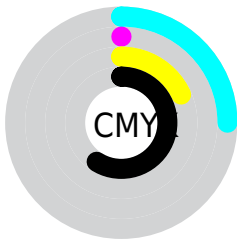
Blue (34%)



Red (31%)

Yellow (39%)

Blue (41%)

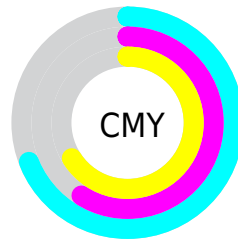


Cyan (25%)

Magenta (0%)

Yellow (18%)

Black (59%)



Cyan (69%)


Magenta (59%)


Yellow (66%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 42, 15.829, 151.321 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, 15.829, 151.321 by changing the saturation by 10% instead.


 42, 15.829,
151.321


 42, 15.829,
151.321


 100, 15.829,
151.321


 32, 15.829,
151.321

 62, 15.829,
151.321


 22, 15.829,
151.321

 72, 15.829,
151.321

 12, 15.829,
151.321


 82, 15.829,
151.321

 2, 15.829, 151.321

 92, 15.829,
151.321

 0, 15.829, 151.321

 42, 15.829,

 42, 15.829,

151.321

■ 41, 22.184,
150.422

■ 40, 28.378,
149.396

■ 40, 34.304,
148.225

■ 39, 39.850,
146.896

■ 39, 44.905,
145.410

■ 39, 49.370,
143.780

■ 38, 53.208,
142.093

■ 38, 55.082,
141.333

151.321

■ 43, 9.408, 152.111

■ 44, 2.997, 152.842

■ 45, 3.345, 333.315

■ 46, 9.573, 333.889

■ 48, 15.655,
334.373

■ 49, 21.571,
334.802

■ 50, 27.311,
335.188

■ 52, 32.870,
335.538

■ 54, 38.248,
335.857

Harmonies

Complementary

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



42, 15.829, 151.321



37, 15.946, 334.650

Rectangle

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



42, 15.829, 151.321



42, 15.829, 201.321



42, 15.829, 331.321



42, 15.829, 21.321

Sweetspot

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



42, 15.830, 151.321



56, 5.560, 152.657



43, 15.758, 119.124



29, 3.586, 152.633



79, 0.010, 296.813



29, 0.005, 296.813

Same Dimension

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



42, 15.830, 151.321



54, 23.939, 150.783



42, 10.996, 178.577



22, 3.635, 152.528



43, 59.851, 141.073



85, 105.831, 139.902

Inverse Universe

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



37, 15.946, 334.650



46, 24.137, 335.081



37, 11.976, 3.184



21, 3.651, 333.589



25, 53.460, 341.944



55, 91.043, 343.001

Previews

White Background



This preview shows how the CIELCh color 42, 15.829, 151.321 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, 15.829, 151.321 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, 15.829, 151.321

Background



This preview shows how black text looks on a background with the CIELCh color 42, 15.829, 151.321.



This preview shows how white text looks on a background with the CIELCh color 42, 15.829, 151.321.

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

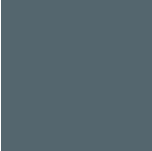
42, 15.829, 151.321

Protanopia

42, 9.862, 95.760

Deuteranopia

42, 8.627, 49.306



Tritanopia
42, 8.286, 234.612

Trichromacy



Original Color
42, 15.829, 151.321

Protanomaly
42, 10.546, 122.945

Deuteranomaly
42, 7.231, 105.645

Tritanomaly
42, 8.422, 190.113

Monochromacy



Original Color
42, 15.829, 151.321

Achromatopsia
40, 0.006, 296.813

Achromatomaly
41, 5.990, 153.657

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 42, 15.829, 151.321 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, 105, 86)` looks like.

```
.text, #text, p{  
    color:rgb(79, 105, 86)  
}
```

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, 105, 86) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(79, 105, 86) }
```

Border

The CSS property to change the border of an element to CIELCh 42, 15.829, 151.321 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, 105, 86) }
```

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

```
.border{ border-color:rgb(79, 105, 86) }
```

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

Here you see how a box with a 4 pixel `rgb(79, 105, 86)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(79, 105, 86); -webkit-box-  
shadow:4px 4px 4px 4px rgb(79, 105, 86);  
box-shadow:4px 4px 4px 4px rgb(79, 105,  
86) }
```

Background

The CSS property to change the background color of an element to CIELCh 42, 15.829, 151.321 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(79, 105, 86) }
```

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

```
.background{ background-color: rgb(79, 105,  
86) }
```

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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