

Converting Colors

CIELCh(42, 20.685, 311.201)

Have a look what the booklet for
CIELCh(42, 20.685, 311.201)
contains.

CIELCh(42, 21.211, 311.792)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(42, 21.211, 311.792)

Conversions

Conversions Part 1

Format	Color
Hex	6E5C7D
RGB	110, 92, 125
RGB Percent	43%, 36%, 49%
CMY	0.5679, 0.6385, 0.5090
CMYK	0.12, 0.26, 0.00, 0.51
HSL	273°, 15%, 43%
HSV	273°, 26%, 49%
XYZ	14.0123, 12.5000, 21.1425
YIQ	101.1440, 0.1350, 14.0790

Conversions

Conversions Part 2

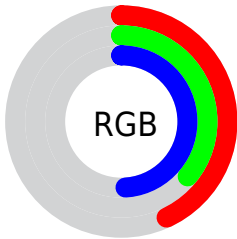
Format	Color
R_{YB}	110, 92, 125
Decimal	7232637
CIE _{Lab}	42.00, 14.14, -15.81
CIE _{LCh}	42, 21.211, 311.792
Yxy	12.5000, 0.2940, 0.2623
Android (android.graphics.Color)	4285422717 (0xFF6E5C7D)
YUV	101.1440, 11.7610, 7.7667
Hunter-Lab	35.3553, 8.8726, -10.7067

Details

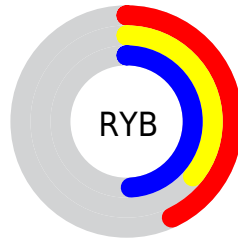
The CIELCh color **42, 21.211, 311.792** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **50, 20.558, 129.501**, and the grayscale version is **43, 0.006, 296.813**.

A 20% lighter version of the original color is **62, 21.599, 311.869**, and **22, 21.210, 311.911** is the 20% darker color. If you saturate the color by 10%, you get **38, 29.536, 312.271**, and if you desaturate by 10%, it is **46, 13.012, 311.327**.

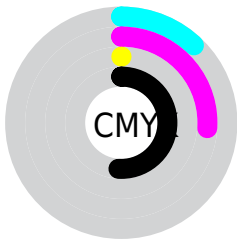
Distribution



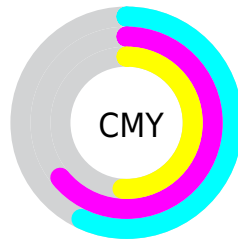
- Red (43%)
- Green (36%)
- Blue (49%)



- Red (43%)
- Yellow (36%)
- Blue (49%)



- Cyan (12%)
- Magenta (26%)
- Yellow (0%)
- Black (51%)





- Cyan (57%)
- Magenta (64%)
- Yellow (51%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 42, 21.211, 311.792 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, 21.211, 311.792 by changing the saturation by 10% instead.


 42, 21.211,
311.792


 42, 21.211,
311.792


 100, 21.211,
311.792


 32, 21.211,
311.792

 62, 21.211,
311.792


 22, 21.211,
311.792

 72, 21.211,
311.792

 12, 21.211,
311.792

 82, 21.211,
311.792

 2, 21.211, 311.792

 92, 21.211,
311.792

 0, 21.211, 311.792

 42, 21.211,

 42, 21.211,

311.792

311.792

■ 38, 29.536,
312.271

■ 46, 13.012,
311.327

■ 34, 37.893,
312.748

■ 50, 4.998, 310.882

■ 31, 46.115,
313.188

■ 54, 2.804, 130.535

■ 58, 10.384,
130.147

■ 27, 53.941,
313.545

■ 62, 17.741,
129.818

■ 24, 60.995,
313.751

■ 66, 24.879,
129.526

■ 22, 66.802,
313.721

■ 70, 31.807,
129.268

■ 20, 71.135,
313.427

■ 74, 38.535,
129.042

■ 19, 72.723,
313.354

■ 78, 45.071,
128.844

Harmonies

Complementary

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



42, 21.211, 311.792



50, 20.558, 129.501

Rectangle

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



42, 21.211, 311.792



42, 21.211, 1.792



42, 21.211, 131.792



42, 21.211, 181.792

Sweetspot

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



42, 21.210, 311.792



63, 7.820, 310.963



45, 11.774, 262.802



32, 5.539, 311.020



84, 0.010, 296.813



35, 0.005, 296.813

Same Dimension

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



42, 21.210, 311.792



51, 32.183, 312.098



44, 23.090, 326.739



25, 4.507, 311.003



19, 73.696, 313.334



0, 0.000, 0.000

Inverse Universe

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



43, 16.373, 348.570



53, 24.776, 349.284



49, 23.078, 143.632



25, 3.487, 346.881



26, 50.532, 4.750



0, 0.000, 0.000

Previews

White Background



This preview shows how the CIELCh color 42, 21.211, 311.792 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, 21.211, 311.792 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

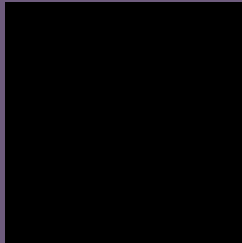
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 42, 21.211, 311.792

Background



This preview shows how black text looks on a background with the CIELCh color 42, 21.211, 311.792.



This preview shows how white text looks on a background with the CIELCh color 42, 21.211, 311.792.

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

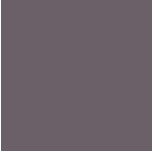
42, 21.211, 311.792

Protanopia

42, 18.827, 285.241

Deuteranopia

42, 16.335, 291.252



Tritanopia
42, 6.663, 333.819

Trichromacy



Original Color
42, 21.211, 311.792

Protanomaly
42, 19.402, 295.134

Deuteranomaly
42, 17.765, 299.994

Tritanomaly
42, 11.582, 318.356

Monochromacy



Original Color
42, 21.211, 311.792

Achromatopsia
43, 0.006, 296.813

Achromatomaly
42, 7.672, 309.522

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 42, 21.211, 311.792 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(110, 92, 125)` looks like.

```
.text, #text, p{  
    color:rgb(110, 92, 125)  
}
```

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(110, 92, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(110, 92, 125) }
```

Border

The CSS property to change the border of an element to CIELCh 42, 21.211, 311.792 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(110, 92, 125) }
```

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

```
.border{ border-color:rgb(110, 92, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(110, 92, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(110, 92, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(110, 92, 125);  
box-shadow:4px 4px 4px 4px rgb(110, 92,  
125) }
```

Background

The CSS property to change the background color of an element to CIELCh 42, 21.211, 311.792 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(110, 92, 125) }
```

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

```
.background{ background-color: rgb(110, 92,  
125) }
```

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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