

Converting Colors

CIELCh(21, 23.611, 334.874)

Have a look what the booklet for
CIELCh(21, 23.611, 334.874)
contains.

CIELCh(21, 23.937, 334.280)	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(21, 23.937, 334.280)

Conversions

Conversions Part 1

Format	Color
Hex	4A2642
RGB	74, 38, 66
RGB Percent	29%, 15%, 26%
CMY	0.7095, 0.8507, 0.7408
CMYK	0.00, 0.49, 0.11, 0.71
HSL	313°, 32%, 22%
HSV	313°, 49%, 29%
XYZ	4.5124, 3.2451, 5.5558
YIQ	51.9560, 12.4680, 16.3400

Conversions

Conversions Part 2

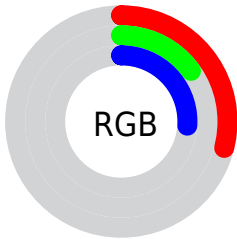
Format	Color
R_{YB}	74, 38, 66
Decimal	4859458
CIE _{Lab}	21.00, 21.57, -10.39
CIE _{LCh}	21, 23.937, 334.280
Yxy	3.2451, 0.3389, 0.2437
Android (android.graphics.Color)	4283049538 (0xFF4A2642)
YUV	51.9560, 6.9237, 19.3326
Hunter-Lab	18.0142, 13.1881, -5.6759

Details

The CIELCh color **21, 23.937, 334.280** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **28, 23.865, 147.573**, and the grayscale version is **22, 0.004, 296.813**.

A 20% lighter version of the original color is **41, 24.122, 334.446**, and **3, 18.047, 337.152** is the 20% darker color. If you saturate the color by 10%, you get **19, 28.350, 334.966**, and if you desaturate by 10%, it is **23, 19.191, 333.623**.

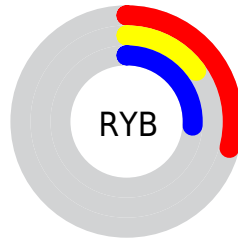
Distribution



 Red (29%)

 Green (15%)

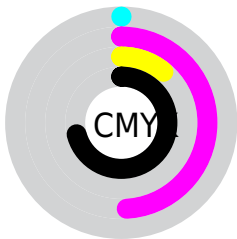
 Blue (26%)



 Red (29%)

 Yellow (15%)

 Blue (26%)

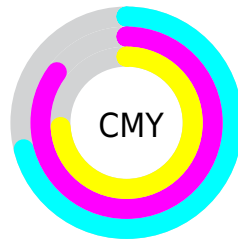


 Cyan (0%)

 Magenta (49%)

 Yellow (11%)

 Black (71%)



 Cyan (71%)


 Magenta (85%)


 Yellow (74%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 21, 23.937, 334.280 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 21, 23.937, 334.280 by changing the saturation by 10% instead.

 21, 23.937,
334.280


 21, 23.937,
334.280

 100, 23.937,
334.280


 11, 23.937,
334.280


 41, 23.937,
334.280


 1, 23.937, 334.280

 51, 23.937,
334.280

 0, 23.937, 334.280

 61, 23.937,
334.280

 71, 23.937,
334.280

 81, 23.937,
334.280

 91, 23.937,

334.280

■ 21, 23.937,
334.280

■ 21, 23.937,
334.280

■ 19, 28.350,
334.966

■ 23, 19.191,
333.623

■ 18, 32.261,
335.689

■ 25, 14.261,
332.989

■ 16, 35.483,
336.462

■ 27, 9.256, 332.375

■ 15, 37.874,
337.305

■ 30, 4.256, 331.770

■ 32, 0.683, 151.472

■ 14, 40.147,
338.117

■ 34, 5.528, 150.734

■ 14, 40.487,
338.224

■ 37, 10.259,
150.207

■ 39, 14.864,
149.712

■ 41, 19.341,
149.243

Harmonies

Complementary

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



21, 23.937, 334.280



28, 23.865, 147.573

Rectangle

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



21, 23.937, 334.280



21, 23.937, 24.280



21, 23.937, 154.280



21, 23.937, 204.280

Sweetspot

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



21, 23.936, 334.280



37, 9.312, 332.193



18, 25.101, 302.471



17, 6.270, 332.254



72, 0.009, 296.813



20, 0.004, 296.813

Same Dimension

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



21, 23.936, 334.280



26, 34.912, 335.083



20, 18.385, 2.652



14, 2.837, 331.777



22, 50.116, 338.788



52, 89.698, 339.744

Inverse Universe

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



21, 23.936, 334.280



26, 34.912, 335.083



29, 15.990, 172.584



14, 2.837, 331.777



22, 50.116, 338.788



52, 89.698, 339.744

Previews

White Background



This preview shows how the CIELCh color 21, 23.937, 334.280 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 ✓ Pass

Black Background



This preview shows how the CIELCh color 21, 23.937, 334.280 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

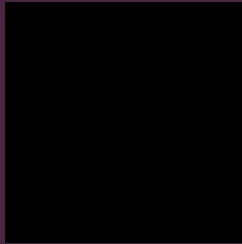
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 21, 23.937, 334.280

Background



This preview shows how black text looks on a background with the CIELCh color 21, 23.937, 334.280.



This preview shows how white text looks on a background with the CIELCh color 21, 23.937, 334.280.

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

21, 23.937, 334.280

Protanopia

21, 16.976, 285.146

Deuteranopia

21, 9.463, 289.794



Tritanopia
21, 14.406, 14.865

Trichromacy



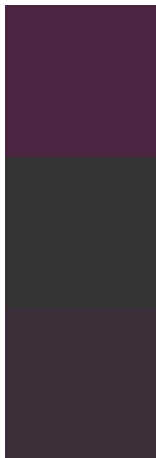
Original Color
21, 23.937, 334.280

Protanomaly
21, 17.977, 304.279

Deuteranomaly
21, 13.907, 314.631

Tritanomaly
21, 16.870, 355.447

Monochromacy



Original Color
21, 23.937, 334.280

Achromatopsia
22, 0.004, 296.813

Achromatomaly
21, 8.996, 332.831

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 21, 23.937, 334.280 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(74, 38, 66)` looks like.

```
.text, #text, p{  
    color:rgb(74, 38, 66)  
}
```

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(74, 38, 66) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(74, 38, 66) }
```

Border

The CSS property to change the border of an element to CIELCh 21, 23.937, 334.280 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(74, 38, 66) }
```

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

```
.border{ border-color:rgb(74, 38, 66) }
```

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

Here you see how a box with a 4 pixel `rgb(74, 38, 66)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(74, 38, 66); -webkit-box-  
shadow:4px 4px 4px 4px rgb(74, 38, 66);  
box-shadow:4px 4px 4px 4px rgb(74, 38, 66)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 21, 23.937, 334.280 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(74, 38, 66) }
```

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

```
.background{ background-color: rgb(74, 38,  
66) }
```

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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