

Converting Colors

CIELCh(31, 21.557, 325.189)

Have a look what the booklet for
CIELCh(31, 21.557, 325.189)
contains.

CIELCh(31, 21.137, 325.966)	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(31, 21.137, 325.966)

Conversions

Conversions Part 1

Format	Color
Hex	5C405C
RGB	92, 64, 92
RGB Percent	36%, 25%, 36%
CMY	0.6406, 0.7504, 0.6406
CMYK	0.00, 0.31, 0.00, 0.64
HSL	300°, 18%, 30%
HSV	300°, 31%, 36%
XYZ	8.1078, 6.6515, 10.8998
YIQ	75.5640, 7.7000, 14.6440

Conversions

Conversions Part 2

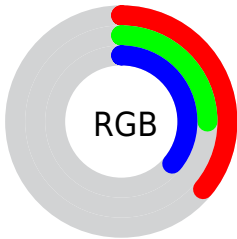
Format	Color
R_YB	92, 64, 92
Decimal	6045788
CIE Lab	31.00, 17.52, -11.83
CIE LCh	31, 21.137, 325.966
Yxy	6.6515, 0.3160, 0.2592
Android (android.graphics.Color)	4284235868 (0xFF5C405C)
YUV	75.5640, 8.1029, 14.4144
Hunter-Lab	25.7905, 10.9820, -7.0044

Details

The CIELCh color $[31, 21.137, 325.966]$ is a dark color, and the websafe version is hex `#663366`. A complement of this color would be $[36, 21.135, 142.495]$, and the grayscale version is $[32, 0.005, 296.813]$.

A 20% lighter version of the original color is $[51, 21.187, 326.473]$, and $[11, 20.641, 325.597]$ is the 20% darker color. If you saturate the color by 10%, you get $[29, 27.880, 326.444]$, and if you desaturate by 10%, it is $[33, 14.223, 325.466]$.

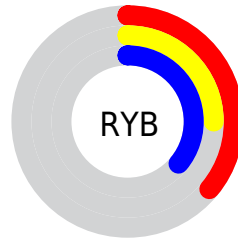
Distribution



Red (36%)

Green (25%)

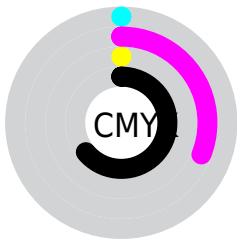
Blue (36%)



Red (36%)

Yellow (25%)

Blue (36%)

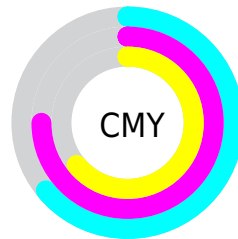


Cyan (0%)

Magenta (31%)

Yellow (0%)

Black (64%)



Cyan (64%)

Magenta (75%)


Yellow (64%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 31, 21.137, 325.966 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 31, 21.137, 325.966 by changing the saturation by 10% instead.

 31, 21.137,
325.966


 31, 21.137,
325.966

 100, 21.137,
325.966

 21, 21.137,
325.966

 51, 21.137,
325.966


 11, 21.137,
325.966


 61, 21.137,
325.966

 1, 21.137, 325.966

 71, 21.137,
325.966

 0, 21.137, 325.966

 81, 21.137,
325.966

 91, 21.137,
325.966

31, 21.137,
325.966

31, 21.137,
325.966

29, 27.880,
326.444

33, 14.223,
325.466

27, 34.285,
326.888

36, 7.270, 324.951

25, 40.142,
327.285

39, 0.370, 324.070

42, 6.414, 143.992

23, 45.223,
327.621

44, 13.044,
143.497

22, 49.311,
327.885

47, 19.496,
143.029

21, 52.261,
328.073

50, 25.762,
142.584

20, 54.721,
328.227

53, 31.838,
142.163

■ 56, 37.727,
141.766

Harmonies

Complementary

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



31, 21.137, 325.966



36, 21.135, 142.495

Rectangle

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



31, 21.137, 325.966



31, 21.137, 15.966



31, 21.137, 145.966



31, 21.137, 195.966

Sweetspot

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



31, 21.136, 325.966



47, 7.743, 324.885



28, 17.818, 292.969



24, 5.426, 324.939



77, 0.009, 296.813



26, 0.004, 296.813

Same Dimension

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



31, 21.136, 325.966



39, 31.811, 326.335



30, 15.250, 345.311



17, 3.868, 324.860



25, 62.062, 328.227



56, 109.392, 328.227

Inverse Universe

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



30, 13.142, 21.687



37, 20.385, 22.596



36, 14.769, 160.199



17, 2.233, 19.817



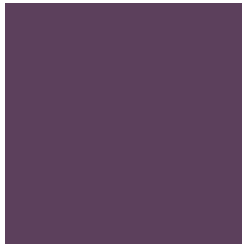
21, 53.757, 36.844



50, 98.981, 39.996

Previews

White Background



This preview shows how the CIELCh color 31, 21.137, 325.966 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 31, 21.137, 325.966 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

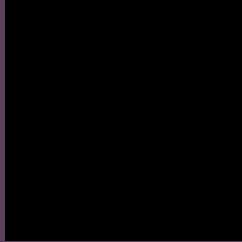
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 31, 21.137, 325.966

Background



This preview shows how black text looks on a background with the CIELCh color 31, 21.137, 325.966.

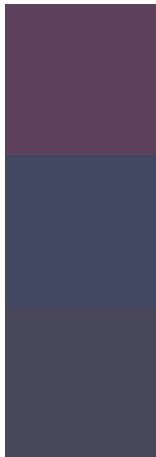


This preview shows how white text looks on a background with the CIELCh color 31, 21.137, 325.966.

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

31, 21.137, 325.966

Protanopia

31, 16.640, 285.428

Deuteranopia

31, 11.468, 292.232



Tritanopia
31, 10.565, 0.254

Trichromacy



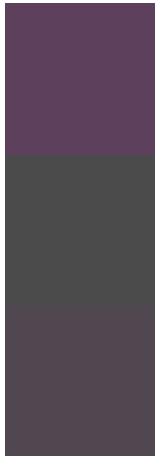
Original Color
31, 21.137, 325.966

Protanomaly
31, 17.453, 300.869

Deuteranomaly
31, 14.668, 308.581

Tritanomaly
31, 13.676, 341.425

Monochromacy



Original Color
31, 21.137, 325.966

Achromatopsia
32, 0.005, 296.813

Achromatomaly
31, 7.699, 325.038

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 31, 21.137, 325.966 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(92, 64, 92)` looks like.

```
.text, #text, p{  
    color:rgb(92, 64, 92)  
}
```

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(92, 64, 92) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(92, 64, 92) }
```

Border

The CSS property to change the border of an element to CIELCh 31, 21.137, 325.966 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(92, 64, 92) }
```

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

```
.border{ border-color:rgb(92, 64, 92) }
```

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

Here you see how a box with a 4 pixel `rgb(92, 64, 92)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(92, 64, 92); -webkit-box-  
shadow:4px 4px 4px 4px rgb(92, 64, 92);  
box-shadow:4px 4px 4px 4px rgb(92, 64, 92)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 31, 21.137, 325.966 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(92, 64, 92) }
```

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

```
.background{ background-color: rgb(92, 64,  
92) }
```

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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