

Converting Colors

CIELCh(41, 0.802, 197.990)

Have a look what the booklet for
CIELCh(41, 0.802, 197.990) contains.

CIELCh(41, 0.829, 199.692)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(41, 0.829, 199.692)

Conversions

Conversions Part 1

Format	Color
Hex	5F6161
RGB	95, 97, 97
RGB Percent	37%, 38%, 38%
CMY	0.6272, 0.6193, 0.6193
CMYK	0.02, 0.00, 0.00, 0.62
HSL	180°, 1%, 38%
HSV	180°, 2%, 38%
XYZ	11.1697, 11.8645, 13.0289
YIQ	96.4020, -1.1920, -0.4240

Conversions

Conversions Part 2

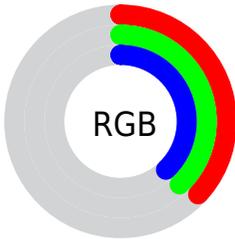
Format	Color
R_{YB}	95, 96, 97
Decimal	6250849
CIE _{Lab}	41.00, -0.78, -0.28
CIE _{LCh}	41, 0.829, 199.692
Yxy	11.8645, 0.3097, 0.3290
Android (android.graphics.Color)	4284440929 (0xFF5F6161)
YUV	96.4020, 0.2948, -1.2296
Hunter-Lab	34.4449, -2.3949, 1.6848

Details

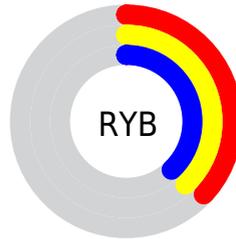
The CIELCh color $41, 0.829, 199.692$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $41, 0.841, 19.061$, and the grayscale version is $41, 0.006, 296.813$.

A 20% lighter version of the original color is $61, 1.152, 199.679$, and $21, 0.920, 199.455$ is the 20% darker color. If you saturate the color by 10%, you get $40, 4.748, 198.791$, and if you desaturate by 10%, it is $42, 3.253, 19.657$.

Distribution



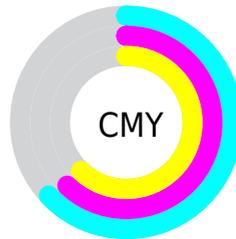
- Red (37%)
- Green (38%)
- Blue (38%)



- Red (37%)
- Yellow (38%)
- Blue (38%)



- Cyan (2%)
- Magenta (0%)
- Yellow (0%)
- Black (62%)



- Cyan (63%)
- Magenta (62%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 41, 0.829, 199.692 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 41, 0.829, 199.692 by changing the saturation by 10% instead.

■ 41, 0.829, 199.692

■ 41, 0.829, 199.692

■ 100, 0.829,
199.692

■ 31, 0.829, 199.692

■ 61, 0.829, 199.692

■ 21, 0.829, 199.692

■ 71, 0.829, 199.692

■ 11, 0.829, 199.692

■ 81, 0.829, 199.692

■ 1, 0.829, 199.692

■ 91, 0.829, 199.692

■ 0, 0.829, 199.692

■ 41, 0.829, 199.692

■ 41, 0.829, 199.692

■ 40, 4.748, 198.791

■ 42, 3.253, 19.657

■ 39, 8.448, 198.291

■ 43, 7.456, 20.267

■ 39, 11.876,
197.851

■ 44, 11.738, 20.852

■ 38, 14.975,
197.462

■ 45, 16.067, 21.438

■ 46, 20.417, 22.027

■ 38, 17.691,
197.127

■ 47, 24.768, 22.615

■ 38, 19.980,
196.847

■ 49, 29.102, 23.200

■ 50, 33.409, 23.778

■ 37, 21.809,
196.624

■ 51, 37.680, 24.346

■ 37, 23.169,
196.457

■ 37, 24.084,
196.341

Harmonies

Complementary

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



41, 0.829, 199.692



41, 0.841, 19.061

Rectangle

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



41, 0.829, 199.692



41, 0.829, 249.692



41, 0.829, 19.692



41, 0.829, 69.692

Sweetspot

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



41, 0.830, 199.619



52, 0.496, 200.068



41, 1.470, 143.997



27, 0.284, 200.149



77, 0.009, 296.813



27, 0.004, 296.813

Same Dimension

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



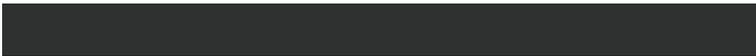
41, 0.830, 199.619



52, 0.990, 199.621



41, 0.726, 254.131



20, 0.451, 199.698



42, 27.372, 196.259



86, 47.852, 196.251

Inverse Universe

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



41, 0.841, 19.061



52, 1.003, 19.060



41, 0.722, 73.053



20, 0.456, 18.982



22, 54.811, 37.075



50, 99.754, 39.974

Previews

White Background



This preview shows how the CIELCh color 41, 0.829, 199.692 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 CIE LCh color 41, 0.829, 199.692 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

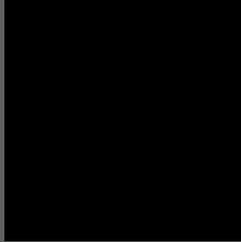
Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

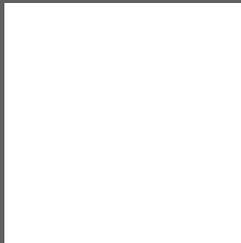
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 41, 0.829, 199.692

Background



This preview shows how black text looks on a background with the CIELCh color 41, 0.829, 199.692.



This preview shows how white text looks on a background with the CIELCh color 41, 0.829, 199.692.

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

41, 0.829, 199.692

Protanopia

41, 1.041, 343.573

Deuteranopia

41, 5.238, 352.568



Tritanopia
41, 4.860, 290.916

Trichromacy



Original Color

41, 0.829, 199.692

Protanomaly

41, 0.745, 324.290

Deuteranomaly

41, 3.116, 344.028

Tritanomaly

41, 3.040, 290.648

Monochromacy



Original Color

41, 0.829, 199.692

Achromatopsia

41, 0.006, 296.813

Achromatomaly

41, 0.006, 296.813

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 41, 0.829, 199.692 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(95, 97, 97)` looks like.

```
.text, #text, p{  
    color:rgb(95, 97, 97)  
}
```

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(95, 97, 97) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(95, 97, 97) }
```

Border

The CSS property to change the border of an element to CIELCh 41, 0.829, 199.692 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(95, 97, 97) }
```

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

```
.border{ border-color:rgb(95, 97, 97) }
```

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

Here you see how a box with a 4 pixel `rgb(95, 97, 97)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(95, 97, 97); -webkit-box-  
shadow:4px 4px 4px 4px rgb(95, 97, 97);  
box-shadow:4px 4px 4px 4px rgb(95, 97, 97)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 41, 0.829, 199.692 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(95, 97, 97) }
```

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

```
.background{ background-color: rgb(95, 97,  
97) }
```

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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