

Converting Colors

CIELCh(42, 24.723, 164.151)

Have a look what the booklet for
CIELCh(42, 24.723, 164.151)
contains.

CIELCh(42, 24.652, 163.962)	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, 24.652, 163.962)

Conversions

Conversions Part 1

Format	Color
Hex	376D57
RGB	55, 109, 87
RGB Percent	22%, 43%, 34%
CMY	0.7834, 0.5716, 0.6579
CMYK	0.49, 0.00, 0.20, 0.57
HSL	156°, 33%, 32%
HSV	156°, 49%, 43%
XYZ	8.8130, 12.5000, 11.0146
YIQ	90.3460, -25.1220, -18.2900

Conversions

Conversions Part 2

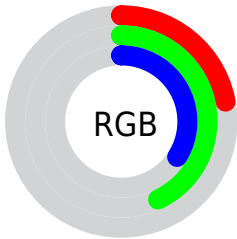
Format	Color
RYB	55, 89, 109
Decimal	3632471
CIELab	42.00, -23.69, 6.81
CIELCh	42, 24.652, 163.962
Yxy	12.5000, 0.2726, 0.3867
Android (android.graphics.Color)	4281822551 (0xFF376D57)
YUV	90.3460, -1.6496, -30.9984
Hunter-Lab	35.3553, -17.3771, 6.2776

Details

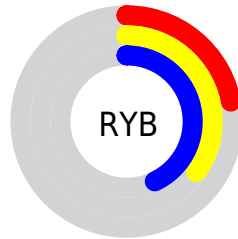
The CIELCh color $42, 24.652, 163.962$ is a dark color, and the websafe version is hex 336666 . A complement of this color would be $31, 26.885, 354.454$, and the grayscale version is $39, 0.005, 296.813$.

A 20% lighter version of the original color is $62, 24.510, 163.945$, and $22, 24.559, 164.117$ is the 20% darker color. If you saturate the color by 10%, you get $41, 28.959, 162.605$, and if you desaturate by 10%, it is $43, 20.017, 165.178$.

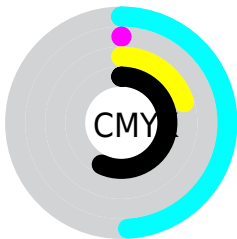
Distribution



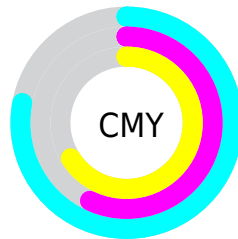
- Red (22%)
- Green (43%)
- Blue (34%)



- Red (22%)
- Yellow (35%)
- Blue (43%)



- Cyan (49%)
- Magenta (0%)
- Yellow (20%)
- Black (57%)





- Cyan (78%)
- Magenta (57%)
- Yellow (66%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 42, 24.652, 163.962 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, 24.652, 163.962 by changing the saturation by 10% instead.

 42, 24.652,
163.962


 42, 24.652,
163.962


 100, 24.652,
163.962


 32, 24.652,
163.962

 62, 24.652,
163.962


 22, 24.652,
163.962

 72, 24.652,
163.962

 12, 24.652,
163.962

 82, 24.652,
163.962

 2, 24.652, 163.962

 92, 24.652,
163.962

 0, 24.652, 163.962

 42, 24.652,

 42, 24.652,

163.962

163.962

■ 41, 28.959,
162.605

■ 43, 20.017,
165.178

■ 41, 32.867,
161.087

■ 43, 15.130,
166.276

■ 41, 36.324,
159.390

■ 44, 10.070,
167.277

■ 40, 39.308,
157.502

■ 45, 4.906, 168.214

■ 40, 42.011,
155.598

■ 46, 0.299, 348.048

■ 47, 5.496, 349.716

■ 40, 42.165,
155.498

■ 48, 10.644,
350.466

■ 50, 15.715,
351.155

■ 51, 20.688,

Harmonies

Complementary

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



42, 24.652, 163.962



31, 26.885, 354.454

Rectangle

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



42, 24.652, 163.962



42, 24.652, 213.962



42, 24.652, 343.962



42, 24.652, 33.962

Sweetspot

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



42, 24.653, 163.961



57, 9.702, 167.659



43, 34.393, 129.752



29, 6.569, 167.511



80, 0.010, 296.813



30, 0.005, 296.813

Same Dimension

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



42, 24.653, 163.961



54, 35.700, 162.433



41, 17.188, 206.693



22, 2.875, 168.260



43, 44.515, 155.301



86, 78.678, 153.860

Inverse Universe

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



31, 26.885, 354.454



37, 39.430, 356.432



31, 24.513, 30.174



21, 2.924, 349.648



24, 47.603, 8.683



52, 82.268, 11.942

Previews

White Background



This preview shows how the CIELCh color 42, 24.652, 163.962 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 42, 24.652, 163.962 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, 24.652, 163.962

Background



This preview shows how black text looks on a background with the CIELCh color 42, 24.652, 163.962.



This preview shows how white text looks on a background with the CIELCh color 42, 24.652, 163.962.

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, 24.652, 163.962

Protanopia
42, 9.991, 93.240

Deuteranopia
42, 7.630, 43.336



Tritanopia
42, 15.583, 216.011

Trichromacy



Original Color
42, 24.652, 163.962

Protanomaly
41, 12.860, 140.521

Deuteranomaly
41, 7.690, 138.883

Tritanomaly
42, 17.155, 191.274

Monochromacy



Original Color
42, 24.652, 163.962

Achromatopsia
39, 0.005, 296.813

Achromatomaly
40, 9.613, 167.670

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 42, 24.652, 163.962 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(55, 109, 87)` looks like.

```
.text, #text, p{  
    color:rgb(55, 109, 87)  
}
```

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(55, 109, 87) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(55, 109, 87) }
```

Border

The CSS property to change the border of an element to CIELCh 42, 24.652, 163.962 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(55, 109, 87) }
```

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

```
.border{ border-color:rgb(55, 109, 87) }
```

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

Here you see how a box with a 4 pixel rgb(55, 109, 87) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(55, 109, 87); -webkit-box-  
shadow:4px 4px 4px 4px rgb(55, 109, 87);  
box-shadow:4px 4px 4px 4px rgb(55, 109,  
87) }
```

Background

The CSS property to change the background color of an element to CIELCh 42, 24.652, 163.962 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(55, 109, 87) }
```

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

```
.background{ background-color: rgb(55, 109,  
87) }
```

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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