

Converting Colors

CIELCh(43, 22.914, 268.415)

Have a look what the booklet for
CIELCh(43, 22.914, 268.415)
contains.

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Color

CIELCh(43, 22.723, 267.756)

Conversions

Conversions Part 1

Format	Color
Hex	4A688B
RGB	74, 104, 139
RGB Percent	29%, 41%, 55%
CMY	0.7107, 0.5931, 0.4559
CMYK	0.47, 0.25, 0.00, 0.46
HSL	212°, 31%, 42%
HSV	212°, 47%, 54%
XYZ	12.3753, 13.1578, 26.2206
YIQ	99.0200, -29.1150, 4.5250

Conversions

Conversions Part 2

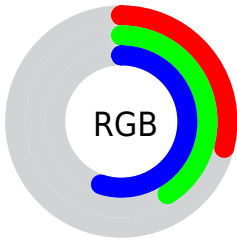
Format	Color
R_{YB}	74, 95, 139
Decimal	4876427
CIE _{Lab}	43.00, -0.89, -22.71
CIE _{LCh}	43, 22.723, 267.756
Yxy	13.1578, 0.2391, 0.2542
Android (android.graphics.Color)	4283066507 (0xFF4A688B)
YUV	99.0200, 19.7101, -21.9425
Hunter-Lab	36.2736, -2.5811, -17.4665

Details

The CIELCh color $43, 22.723, 267.756$ is a dark color, and the websafe version is hex 336699 . A complement of this color would be $48, 25.083, 73.541$, and the grayscale version is $42, 0.006, 296.813$.

A 20% lighter version of the original color is $63, 22.882, 268.052$, and $23, 22.957, 268.337$ is the 20% darker color. If you saturate the color by 10%, you get $40, 27.474, 270.485$, and if you desaturate by 10%, it is $46, 17.933, 265.425$.

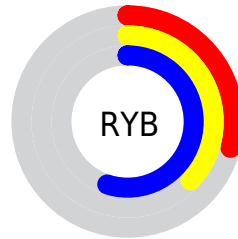
Distribution



Red (29%)

Green (41%)

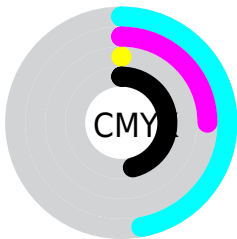
Blue (55%)



Red (29%)

Yellow (37%)

Blue (55%)

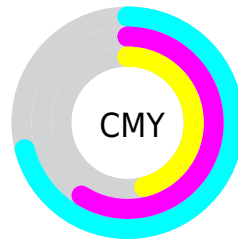


Cyan (47%)

Magenta (25%)

Yellow (0%)

Black (46%)



Cyan (71%)

Magenta (59%)

Yellow (46%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 43, 22.723, 267.756 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 43, 22.723, 267.756 by changing the saturation by 10% instead.


 43, 22.723,
267.756


 43, 22.723,
267.756


 100, 22.723,
267.756


 33, 22.723,
267.756

 63, 22.723,
267.756


 23, 22.723,
267.756

 73, 22.723,
267.756

 13, 22.723,
267.756

 83, 22.723,
267.756

 3, 22.723, 267.756

 93, 22.723,
267.756

 0, 22.723, 267.756

 43, 22.723,

 43, 22.723,

267.756

■ 40, 27.474,
270.485

■ 37, 32.209,
273.646

■ 34, 36.963,
277.235

■ 32, 41.788,
281.193

■ 29, 46.745,
285.315

■ 28, 48.357,
286.517

267.756

■ 46, 17.933,
265.425

■ 49, 13.104,
263.447

■ 52, 8.241, 261.773

■ 56, 3.355, 260.383

■ 59, 1.541, 78.910

■ 62, 6.434, 77.980

■ 65, 11.313, 77.080

■ 68, 16.167, 76.287

■ 72, 20.988, 75.588

Harmonies

Complementary

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



43, 22.723, 267.756



48, 25.083, 73.541

Rectangle

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



43, 22.723, 267.756



43, 22.723, 317.756



43, 22.723, 87.756



43, 22.723, 137.756

Sweetspot

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



43, 22.722, 267.756



68, 8.517, 261.393



53, 29.964, 160.776



35, 5.924, 261.681



88, 0.010, 296.813



39, 0.006, 296.813

Same Dimension

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



43, 22.722, 267.756



52, 33.629, 270.599



35, 40.597, 297.453



27, 2.748, 260.675



27, 46.587, 286.315



1, 1.278, 259.455

Inverse Universe

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



40, 31.812, 350.713



48, 46.589, 352.365



56, 35.955, 107.398



27, 3.737, 346.478



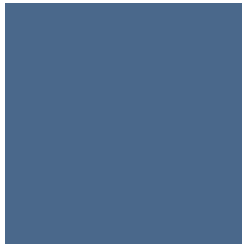
28, 52.002, 4.271



0, 1.714, 345.762

Previews

White Background



This preview shows how the CIE LCh color 43, 22.723, 267.756 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 43, 22.723, 267.756 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

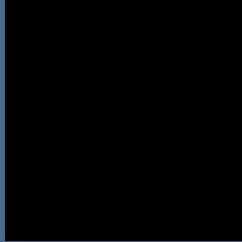
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

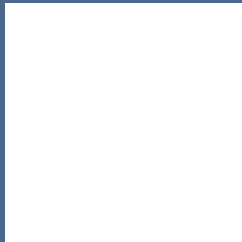
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 43, 22.723, 267.756

Background



This preview shows how black text looks on a background with the CIELCh color 43, 22.723, 267.756.

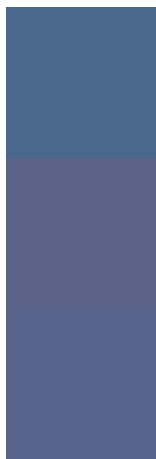


This preview shows how white text looks on a background with the CIELCh color 43, 22.723, 267.756.

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

43, 22.723, 267.756

Protanopia

43, 21.794, 285.001

Deuteranopia

43, 24.227, 284.724



Tritanopia
43, 15.146, 219.025

Trichromacy



Original Color
43, 22.723, 267.756

Protanomaly
43, 22.128, 279.034

Deuteranomaly
43, 23.976, 279.039

Tritanomaly
43, 16.592, 242.310

Monochromacy



Original Color
43, 22.723, 267.756

Achromatopsia
42, 0.006, 296.813

Achromatomaly
42, 8.277, 260.535

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 43, 22.723, 267.756 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, 104, 139)` looks like.

```
.text, #text, p{  
    color:rgb(74, 104, 139)  
}
```

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, 104, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(74, 104, 139) }
```

Border

The CSS property to change the border of an element to CIELCh 43, 22.723, 267.756 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, 104, 139) }
```

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

```
.border{ border-color:rgb(74, 104, 139) }
```

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

Here you see how a box with a 4 pixel `rgb(74, 104, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(74, 104, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(74, 104, 139);  
box-shadow:4px 4px 4px 4px rgb(74, 104,  
139) }
```

Background

The CSS property to change the background color of an element to CIELCh 43, 22.723, 267.756 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(74, 104, 139) }
```

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

```
.background{ background-color: rgb(74, 104,  
139) }
```

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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