

Converting Colors

`RYB(160, 194, 236)`

Have a look what the booklet for
RYB(160, 194, 236) contains.

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Color

R_YB(160, 194, 236)

Conversions

Conversions Part 1

Format	Color
Hex	A0DEEC
RGB	160, 222, 236
RGB Percent	63%, 87%, 93%
CMY	0.3725, 0.1313, 0.0745
CMYK	0.32, 0.06, 0.00, 0.07
HSL	191°, 67%, 78%
HSV	191°, 32%, 93%
XYZ	55.6325, 65.5197, 89.0713
YIQ	205.0580, -41.4460, -8.7900

Conversions

Conversions Part 2

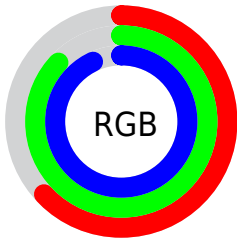
Format	Color
RYB	160, 194, 236
Decimal	10542828
CIELab	84.75, -16.02, -13.34
CIELCh	85, 20.850, 219.781
Yxy	65.5197, 0.2646, 0.3117
Android (android.graphics.Color)	4288732908 (0xFFA0DEEC)
YUV	205.0580, 15.2544, -39.5159
Hunter-Lab	80.9442, -18.9703, -8.5820

Details

The RYB color **160, 194, 236** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **236, 177, 160**, and the grayscale version is **205, 205, 205**.

A 20% lighter version of the original color is **217, 236, 255**, and **105, 139, 180** is the 20% darker color. If you saturate the color by 10%, you get **136, 181, 236**, and if you desaturate by 10%, it is **184, 207, 236**.

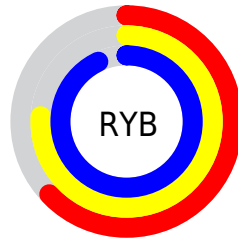
Distribution



Red (63%)

Green (87%)

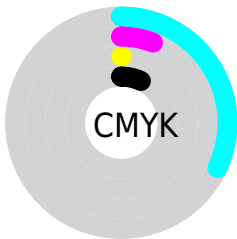
Blue (93%)



Red (63%)

Yellow (76%)

Blue (93%)

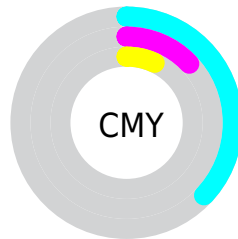


Cyan (32%)

Magenta (6%)

Yellow (0%)

Black (7%)



Cyan (37%)


Magenta (13%)

Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the RYB color 160, 194, 236 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 RYB color 160, 194, 236 by changing the saturation by 10% instead.


 160, 194, 236

255, 255, 255


 217, 236, 255


 246, 251, 255

 160, 194, 236


 132, 166, 208

 105, 139, 180


 79, 112, 153

 51, 85, 127

 20, 58, 102

 0, 36, 78


 0, 25, 56

 0, 14, 34


 0, 0, 10

 160, 194, 236


 160, 194, 236

 136, 181, 236


 184, 207, 236

 113, 168, 236


 207, 220, 236

 89, 155, 236


 231, 233, 236

 66, 142, 236


 254, 241, 236

 42, 129, 236

 255, 250, 236

 18, 116, 236

 247, 255, 236

 0, 106, 236

 238, 255, 236

 236, 255, 236

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



162, 194, 223



160, 194, 236



174, 201, 248

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



160, 194, 236



243, 199, 226



183, 220, 173

Complementary

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



160, 194, 236



236, 177, 160

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



239, 235, 175



160, 194, 236



252, 198, 206

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



160, 194, 236



223, 204, 242



251, 203, 187



181, 218, 201

Rectangle

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



160, 194, 236



189, 206, 251



251, 203, 187



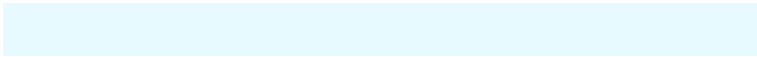
197, 227, 172

Sweetspot

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



160, 194, 236



230, 241, 255



160, 224, 236



112, 119, 128



0, 0, 0



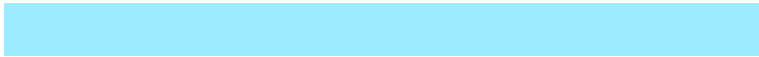
128, 128, 128

Same Dimension

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



160, 194, 236



156, 200, 255



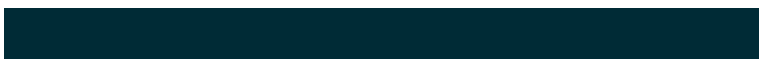
160, 178, 236



106, 111, 117



0, 81, 181



0, 24, 54

Inverse Universe

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



236, 160, 222



255, 156, 236



195, 236, 160



117, 106, 115



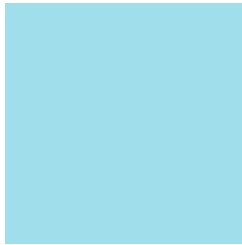
181, 0, 147



54, 0, 43

Previews

White Background



This preview shows how the RYB color 160, 194, 236 looks on a white background.

Color Contrast Check

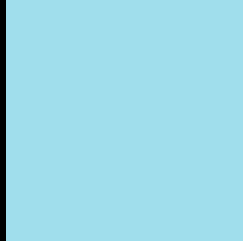
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the RYB color 160, 194, 236 looks on a black 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

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

RYB 160, 194, 236 Background



This preview shows how black text looks on a background with the RYB color 160, 194, 236.

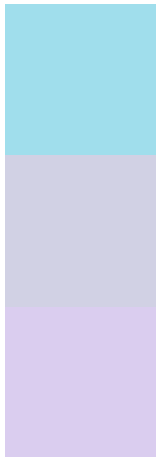


This preview shows how white text looks on a background with the RYB color 160, 194, 236.

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
160, 194, 236

Protanopia
209, 209, 228

Deuteranopia
218, 205, 239



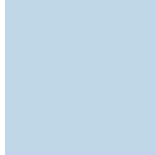
Tritanopia
161, 195, 239

Trichromacy



Original Color

160, 194, 236



Protanomaly

191, 206, 231



Deuteranomaly

197, 207, 238



Tritanomaly

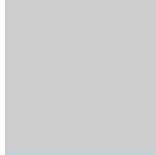
161, 195, 238

Monochromacy



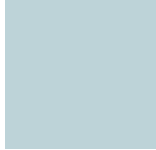
Original Color

160, 194, 236



Achromatopsia

205, 205, 205



Achromatomaly

189, 201, 216

CSS Examples

Text

The CSS property to change the color of the text to RYB 160, 194, 236 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(160, 222, 236)` looks like.

```
.text, #text, p{  
    color:rgb(160, 222, 236)  
}
```

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(160, 222, 236) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 222, 236) }
```

Border

The CSS property to change the border of an element to RYB 160, 194, 236 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(160, 222, 236) }
```

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

```
.border{ border-color:rgb(160, 222, 236) }
```

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

Here you see how a box with a 4 pixel `rgb(160, 222, 236)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(160, 222, 236); -webkit-box-  
shadow:4px 4px 4px 4px rgb(160, 222, 236);  
box-shadow:4px 4px 4px 4px rgb(160, 222,  
236) }
```

Background

The CSS property to change the background color of an element to RYB 160, 194, 236 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(160, 222, 236) }
```

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

```
.background{ background-color: rgb(160,  
222, 236) }
```

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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